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1898/99



COLLEGE OF MEDICINE.
UNIVERSITY OF CALIFORNIA.

ANNOUNCEMENT

OF THE

THIRTY-SIXTH ANNUAL COURSE OF LECTURES

OF THE

MEDICAL DEPARTMENT

OF THE

University of California

WITH

CATALOGUE OF STUDENTS AND GRADUATES

AND REPORTS OF HOSPITAL AND DISPENSARY CLINICS

1898-99

Alumni of the Medical Department of the University and others desiring to receive the ANNOUNCEMENT regularly are requested to send their names and addresses to the Dean.

SAN FRANCISCO

W. A. Woodward & Co., Printers, 12 Sutter Street

1898

CALENDAR FOR 1898-99

THE TERM will open on Thursday, September 1, 1898, and close on Saturday, April 29, 1899.

THE MATRICULATION EXAMINATIONS will be held at Berkeley, August 15, 16, and 17.

APPLICANTS are not admitted as regular students after September 30.

THE EXAMINATIONS for promotion and the final examinations for graduation will begin Monday, April 24.

THE DIDACTIC LECTURES are delivered at the Affiliated Colleges Buildings south of the east end of Golden Gate Park. It is possible that during the first month of the session of 1898-99, the lectures will be given at Toland Hall, Stockton street, below Chestnut.

THE CLINICAL LECTURES are delivered at the City and County Hospital, Twenty-second street and Potrero avenue.

THE DISPENSARY CLINICS are held at 155 New Montgomery street.

THE ANNUAL COMMENCEMENT for conferring the Degree of Doctor of Medicine will be held in May.

THE Office of the Dean is 305 Kearny Street.

UNIVERSITY OF CALIFORNIA

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Appointed Regents.

The names are arranged in order of original accession to the Board.

NAME	ADDRESS	*TERM EXPIRES.
HON. J. WEST MARTIN,	Union Savings Bank, Oakland,	1914
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JOHN E. BUDD, A.B.,	Stockton, - - - - -	1900
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HIS HONOR JAMES D. PHELAN,	New City Hall, San Francisco	1914

*Terms of Regents expire March 1.

Regular meetings of the Board of Regents are held thirteen times a year, viz: In San Francisco, on the second Tuesday in each month; in Berkeley, on the day preceding Commencement in the College of Letters and the Colleges of Science.

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UNIVERSITY OF CALIFORNIA

MEDICAL DEPARTMENT

FACULTY

- MARTIN KELLOGG, A. M., LL.D., President of the University.
- G. A. SHURTLEFF, M. D., Emeritus Professor of Mental Diseases and Medical Jurisprudence.
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- ROBERT A. McLEAN, M. D., Professor of Clinical and Operative Surgery, Dean.
- W. E. TAYLOR, M. D., Professor of Principles and Practice of Surgery.
- A. L. LENGFELD, M. D., Professor of Materia Medica and Medical Chemistry.
- BENJ. R. SWAN, M. D., Professor of Diseases of Children.
- GEORGE H. POWERS, A. M., M. D., Professor of Ophthalmology and Otology.
- WM. WATT KERR, A. M., M. B., C. M., Professor of Clinical Medicine.
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- DOUGLASS W. MONTGOMERY, M. D., Professor of Diseases of the Skin, Curator.
- WASHINGTON DODGE, M. D., Professor of Therapeutics.
- JOHN M. WILLIAMSON, M. D., Professor of Anatomy.
- JOHN W. ROBERTSON, A. B., M. D., Professor of Nervous and Mental Diseases.
- JOHN C. SPENCER, A. B., M. D., Professor of Pathology and Histology.
- WM. E. HOPKINS, M. D., Associate Professor of Ophthalmology and Otology.
- GEO. F. SHIELS, M. D., F. R. C. S. E., etc., Associate Professor of the Principles and Practice of Surgery.
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- WM. B. LEWITT, M. D., Associate Professor of Diseases of Children.
- F. T. GREEN, Ph. G., Associate Professor of Medical Chemistry.
- HARRY M. SHERMAN, M. D., Clinical Lecturer on Orthopedic Surgery.
- LEO NEWMARK, M. D., Clinical Lecturer on Nervous Diseases.
- J. HENRY BARBAT, Ph. G., M. D., Adjunct to the Chair of Anatomy.

WILLIAM J. HAWKINS, M. D., Adjunct to the Chair of Physiology.

RICHARD H. M. BERNDT, M. D., Adjunct to the Chair of Therapeutics.

JAMES P. DUNN, B. S., M. D., Adjunct to the Chair of Pathology and Histology.

THOS. B. W. LELAND, M. D., Adjunct to the Chair of Physiology.

PHILIP MILLS JONES, M. D., Adjunct to the Chair of Therapeutics.

JAMES F. MCCONE, B. S., M. D., M. R. C. S. Eng., Assistant to the Chair of Obstetrics.

HUGH LAGAN, M. D., Assistant to the Chair of Clinical Surgery.

WM. G. HAY, M. D., Assistant to the Chair of Diseases of the Skin.

CHARLES L. MORGAN, A. B., Ph. G., M. D., Assistant to the Chair of Materia Medica.

CLARENCE QUINAN, M. D., Assistant to the Chair of Principles and Practice of Medicine.

HENRY A. L. RYFKOGEL, M. D., Director of the Clinical Laboratory and Assistant Curator.

DEMONSTRATORS AND ASSISTANTS

SAM. P. TUGGLE, M. D., Demonstrator of Anatomy.

S. J. FRASER, A. B., M. D., Senior Assistant Demonstrator of Anatomy.

EDWIN BUNNELL, A. B., M. D., Junior Assistant Demonstrator of Anatomy.

LOUIS D. BACIGALUPI, M. D., Junior Assistant Demonstrator of Anatomy.

THOS. A. MCCULLOCH, M.D., Junior Assistant Demonstrator of Anatomy.

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D. E. F. EASTON, M. D.

HERBERT C. MOFFITT, M. D.

Surgery—

PROF. JOHN M. WILLIAMSON, M. D.

Senior Assistant:

HENRY B. A. KUGELER, M. D.

Junior Assistant:

CECIL M. ARMISTEAD, M. D.

Genito-Urinary Clinic—

PROF. JOHN M. WILLIAMSON, M. D.

Assistant:

CECIL M. ARMISTEAD, M. D.

PROF. JOHN C. SPENCER, M. D.

Ophthalmology and Otology—

PROF. G. H. POWERS, A. M., M. D.

Senior Assistant:

G. W. MERRITT, M. D.

Junior Assistant:

HUGH LAGAN, M. D.

Gynecology—

PROF. R. BEVERLY COLE, M. D., M. R. C. S. Eng.

ASSOC. PROF. CHAS. A. VON HOFFMANN, M. D.

Assistant:

JAMES F. MCCONE, M. D., M. R. C. S. Eng.

Cutaneous and Venereal Diseases—

PROF. DOUGLASS W. MONTGOMERY, M. D.

Senior Assistant:

WM. G. HAY, M. D.

Junior Assistants:

THOS. A. MCCULLOCH, M. D.

ALFRED B. GROSSE, M. D.

Orthopedic Surgery—

HARRY M. SHERMAN, A. M., M. D.

Senior Assistant:

HENRY DU R. PHELAN, M. D.

Junior Assistant:

JOHN J. FLOOD, M. D.

Nervous Diseases—

LEO NEWMARK, M. D.

Diseases of Children—

FREDERICK R. STARR, M. D.

P. WILLIAM NATHAN, M. D.

Clinical Laboratory—

H. A. L. RYFKOGEL, M. D., Director.

THIRTY-SIXTH ANNUAL COURSE OF INSTRUCTION

SESSION OF 1898-99

The Medical Department of the University of California was organized in 1872, as an integral part of the State's educational center.

The changes introduced into the curriculum of this school and now in force, may be summarized as follows:

1. **Increase of the Time of Study to Four Years.**—Attendance upon four regular courses of lectures of eight months each, attended through four separate years, is required before the student can present himself for graduation. Students are also required to attend the clinics regularly throughout the last two sessions.

2. **Yearly Examinations.**—At the close of each session, examinations are held to determine the progress of the student during the year past, his advancement depending on the result of such examinations.

3. **Graded Studies.**—By this arrangement the student is thoroughly drilled in the elementary subjects before proceeding higher.

The following are the subjects apportioned to each year's studies:

FIRST YEAR

Comparative Anatomy.	Histology: with demonstrations in
Human Anatomy, Descriptive.	Histological Laboratory.
Particular attention given to	Chemistry: with practical work in
Osteology. Dissections.	Laboratory.
Physiology.	Materia Medica.
	Pharmacy.

SECOND YEAR

Descriptive Anatomy completed.	Chemistry completed. Practical
Dissections.	demonstrations in Urinalysis and
Physiology completed.	Toxicology.
Histology completed.	Materia Medica completed.
	Pathology with demonstrations in
	Pathological Laboratory.

THIRD YEAR

Surgical Anatomy.	Gynecology.
Hygiene.	Obstetrics.
Medical Jurisprudence.	Diseases of Children.
Pathology: with demonstrations in Pathological Laboratory.	Nervous and Mental Diseases.
Therapeutics.	Clinical Medicine.
Principles and Practice of Medicine.	Clinical Surgery.
Principles and Practice of Surgery.	Dispensary Clinics.

FOURTH YEAR

Therapeutics.	Ophthalmology, Otology, Laryn- gology.
Principles and Practice of Medicine.	Bacteriology: with demonstrations in Bacteriological Laboratory.
Principles and Practice of Surgery.	Clinical Medicine.
Gynecology.	Clinical Surgery.
Obstetrics.	Dispensary Clinics.
Diseases of Children.	
Nervous and Mental Diseases.	

At the end of the second year final examinations are given in Descriptive Anatomy, Physiology, Histology, Chemistry and Materia Medica. At the end of the third year final examinations are given in Surgical Anatomy and Pathology.

Graduates of this College and those holding certificates of attendance upon lectures are credited for the full time of their medical studies by the Royal College of Surgeons of England, Royal College of Surgeons of Edinburgh, and the Faculty of Physicians and Surgeons of Glasgow.

THE COLLEGIATE YEAR

The sessions begin September 1st and continue eight calendar months.

During the term all the branches of medicine and surgery are taught, didactically and clinically. Regular clinics are held three days each week, at the City and County Hospital, where the professors of the clinical chairs have charge of wards and possess every advantage for the instruction of students; clinics are also held daily at the College Dispensary. Lectures are given daily by the Professors, and evening recitations are held several times a week.

The student in this city enjoys rare natural advantages for the healthful pursuit of his labors, such a contingency as his detention from lectures or clinics by stress of weather being absolutely unknown.

LOCATION.

Through the wise munificence of the State Legislature, it has been rendered possible for the Medical Department of the University of California to occupy its magnificent new home south of Golden Gate Park.

The building devoted exclusively to the purposes of the Medical Department occupies the center of the group portrayed in the frontispiece of this announcement. The building on the right is to be occupied by the Hastings College of the Law; that on the left by the Colleges of Pharmacy and Dentistry, jointly. In the rear is a building devoted to the purposes of the Veterinary School.

The building has a frontage of 148 feet and a depth of 208 feet. This includes an Auditorium with a seating capacity of 1,200.

In addition to the equipment already in the possession of the Department it is the intention of the Faculty to provide the same with all of the latest and most perfect scientific appliances requisite for teaching. Having in mind chiefly the practical features of teaching, various spacious laboratories, histological, pathological, bacteriological, chemical, physiological and biological have been provided; also a separate anatomical auditorium, besides various special demonstration-rooms for teaching the classes by sections.

By reference to Plate I, giving in outline the plan of the ground floor, it will be seen that there are eight smaller rooms devoted exclusively to clinical purposes beside a large auditorium devoted to clinical surgery.

On this floor are likewise the Anatomical Preparation-room and Students' Locker-room, Janitors' Departments, Storage-room and Lavatories. (Lavatories for each sex are on every floor.)

It is almost superfluous to state, that from a sanitary standpoint the plumbing, heating and ventilation systems of the building are of the latest and most approved type.

The first floor (*vide* Plate II) is entered by means of a stately portico which ushers one into a spacious Entrance Hall, immediately beyond which is a corridor giving access to the rooms

along the front of the building and to the main auditorium. On this floor will be found the rooms of the President and the Dean, also three large Recitation-rooms and the Biological and Physiological Laboratories.

The Auditorium has four distinct entrances and exits; a capacious stage and gallery; ample light both by day and by artificial means at night.

The second story (*vide* Plate III) contains beside the Pathological, Bacteriological and Chemical Laboratories, the Museum, the Students' Library and a large General Lecture-room. At the rear are the entrances and exits to the gallery of the Auditorium.

The third floor (*vide* Plate IV) contains, it is believed, the finest dissecting-room in the world at the present time. It occupies the greater part of the front of the building, running back 35 feet 6 inches, and is 20 feet high. In this room are 38 tables. The light is brilliant both by means of ample skylights and windows for the day, and by artificial light at night.

The cadavers are preserved by a method which, while excluding decomposition, keeps the tissues soft even after the expiration of two or three years.

In addition, on this floor will be found the Anatomical Lecture-room, immediately beneath the banked seats of which, are on one side a Bone-room, containing many duplicate human bones, to be at the disposition of the students, on the plan of a circulating library; on the other side a Locker-room for the use of those dissecting; a Surgical and Histological Laboratory and Photographic-room. The Photographic-room is an especially valuable feature, rendering it possible to photograph rare cases and specimens presented at the Clinics.

There is a complete intercommunicating telephone system between all of the rooms.

The topographical advantages found in the location of the buildings are great. Facing as they do, the north, on an elevation to give an unobstructed view over a large part of the peninsula on which San Francisco is situated, with Golden Gate Park in the immediate foreground, an expansive view of the harbor, the Golden Gate and the Pacific Ocean, and the

mountains and hills of Marin, Contra Costa and Alameda Counties, they receive the full benefit of the neighboring trade-winds blowing directly from the ocean, coupled with the advantage of perfect drainage.

The site of the New City and County Hospital in contemplation by the Supervisors is to be within a few blocks of the College buildings, thus offering clinical advantages conveniently close at hand.

Upon completion, the management of the street railway company intends to make a direct line to the buildings with frequent cars, the line to be extended to the new hospital as well.

A more commodious, well-appointed building for the purposes intended it will be difficult to find, nor could the attractions and advantages offered to the student of medicine hardly be greater.

Owing to certain contingencies incident to the punctual fulfillment of the terms of their contracts by the various contractors at work on the new buildings, it is barely possible that the same will not be ready for occupancy promptly at the beginning of the session. In this event, the old building on Stockton street, between Chestnut and Francisco, stands ready to receive the full quatum of students as before. The equipment of this building has been adequate up to the present time for the accommodation of the students, and though not as commodious or convenient as the new building, yet contains two spacious auditoriums and a dissecting-room, pathological and chemical laboratories, and a museum containing a large collection of pathological specimens.

MATRICULATION EXAMINATION

Students desiring to matriculate are required to undergo examinations for admission, with the following exceptions, viz:

1. Applicants who present certificates of having successfully passed the examination for admission to the College of Letters or the Colleges of Science of the University of California, or some other recognized University or College.

2. Applicants who present diplomas or certificates of graduation from the University of California, or of some other recognized University or College.

3. Applicants who present diplomas or certificates of graduation from recognized High Schools and Academies.

4. Applicants who present diplomas or certificates of graduation from a State Normal School of California, or of any other state or territory.

Applicants whose credentials are otherwise satisfactory will be required to pass an examination in Physics, if their certificates do not cover that subject.

Matriculants not presenting satisfactory credentials are required to pass the examination in the subjects named below, conducted by the regular examining board of the Academic Departments of the University. These examinations will be held at Berkeley, August 15, 16 and 17. It is expected that the authorities will also provide an entrance examination at some earlier time at points distant from Berkeley. Applicants who wish to take the examinations held at any place other than Berkeley, should notify the Dean of their intention as early as April 1st. Subjects:* 1, 2, 3, 4, 5, 6, 11; 10 and 13 or two subdivisions of 12 or 15a or 15b.

1. ENGLISH.—(a) The examination in this subject will pre-suppose thorough knowledge of grammar and elementary rhetoric, and a study of the following works: (1) *The Lady of the Lake*; (2) *Gayley's Classic Myths in English Literature* (Ginn & Co.), or *Bulfinch's Age of Fable*; (3) *The Alhambra*;

*Subjects are numbered to correspond with those of the general list of preparatory subjects for admission to the Colleges at Berkeley.

(4) Sir Roger de Coverley;* (5) Short Poems: *L'Allegro*, *Il Penseroso*, *Winter*, *Tam O'Shanter*, *The Deserted Village*, *The Winter Morning Walk*, *The Cotter's Saturday Night*, *The Ancient Mariner*, *Horatius*, and selections from *Byron* (Syle's *From Milton to Tennyson*); (6) *The Merchant of Venice*; (7) *Julius Cæsar*; (8) *Macaulay's Warren Hastings*.

While the regular examination will, for the present, be upon these subjects without option, teachers of approved ability, in schools on the accredited list of the University, may, after consultation with the English department, avail themselves of such substitutes as the following: for (1), *The Lay of the Last Minstrel*; for (3), *Tom Brown at Rugby*, or *Ivanhoe*; for (4), *Addison's Select Essays* (Allyn and Bacon); for (5), some twelve poems of similar scope and character; for (6) or for (7), *Macbeth*.

(1*b*) ORAL AND WRITTEN EXPRESSION.—Training in this subject enters into the proper treatment of all topics of study taken up in the school course, and extends to speaking and oral reading as well as to writing. Its aim is to secure to the student the ability to use his mother-tongue correctly, clearly, and pertinently on all the lines upon which his thought is exercised.

A written test in this subject is required of all applicants for the status of special student in the Colleges of Letters, Social Sciences, and Natural Sciences, excepting only those who hold teachers' certificates and those who desire to take only courses in art. In the case of other applicants, for the present no separate examination will be set, but note will be made of correctness of form and adequacy of expression in the various papers written by each.

2. ARITHMETIC.—No examination in this subject will henceforward be set, since the study comes regularly in the Grammar School, and its essential processes are involved in Algebra.

3. ALGEBRA.—Through Quadratic Equations; namely, the various methods of factoring, the theory of exponents, integ-

*Not the meager selection sometimes used, but the full series from the *Spectator* (Thirty-three essays), as published by Cassell or the American Book Co.

ral and fractional, positive and negative, the calculus of radicals, ratio, and proportion; quadratic equations, both single and simultaneous, their solution and their theory, including all the recognized methods of solution and all equations reducible to the quadratic form and the formation of equations from given roots.

4. PLANE GEOMETRY.—Including the general properties of regular polygons, their construction, perimeters and areas, and the different methods for determining the ratio of the circumference to the diameter.

5. GOVERNMENT OF THE UNITED STATES.—A knowledge of the principles of government, Federal, State, and Local. This requirement presupposes an acquaintance with the history of the United States.

6. LATIN.—(a) Cæsar, Gallic War, books I-IV; (b) Elementary Latin Grammar: forms and syntax; (c) translation into Latin of simple English sentences.

While the regular examination will be confined to the books of Cæsar, teachers of approved ability, in schools on the accredited list of the University, may, after consultation with the Latin department, substitute any ten* Biographies of Nepos for two books of the Gallic War.

10. ANCIENT HISTORY AND GEOGRAPHY.—(a) Greek history to the death of Alexander, with the connected geography.

(b) Roman history to A. D. 410, with the connected geography.

Smith's History of Greece, Myers' History of Greece, Liddell's History of Rome, will serve to indicate the amount required.

13. MEDIÆVAL AND MODERN HISTORY.—Myers' Mediæval and Modern History will indicate the period to be covered and the amount required.

11. PHYSICS.—The requirement represents at least a daily exercise during one school year, which falls within the last two years of preparation for college. It is expected that the

*But Roberts' edition of Nine Lives of Nepos will be accepted.

ground covered will include fair representation of primary empirical laws from each of the main subdivisions of Physics.

The results called for demand vigorous and thorough instruction in the class-room, based upon laboratory exercises by the pupils. In addition to the test of a written examination, it will be insisted upon that each candidate submit a laboratory note-book, signed by his teacher, as evidence that the main principles of the subject as treated have been presented experimentally.

12. CHEMISTRY, BOTANY, ZOÖLOGY.

(b) CHEMISTRY.—The preparation required will include a thorough acquaintance with the elementary principles of the science. Laboratory practice is essential. A full year of preparation will be expected.

(c) BOTANY.—A knowledge of the morphology and simpler physiology of the higher plants is required. This should be based upon a full year of practical work in the laboratory and to some extent, also, in the field. Careful attention should be paid to the recording of observations, by notes and drawings, together with the drawing of correct inferences from the observations. It is desirable that the pupils become familiar with the easier orders of flowering plants represented in the local flora. Bergen's Elements of Botany (Pacific Coast edition), Spaulding's Introduction to Botany, and Setchell's Laboratory Practice for Beginners, indicate both the scope and the method of the work.

(d) ZOÖLOGY.—To consist of the actual study of animals, and recitations, the practical work to be the center of the preparation. The practical work should be partly in the laboratory and partly in the field. The chief aim of the examinations in the subject will be to determine *how closely and accurately pupils have observed*. Such guides for study as Boyer's Elementary Biology, Part I, or Colton's Practical Zoölogy.

15. A MODERN LANGUAGE.—Namely, either of the following, involving about two years' work:

(a) FRENCH.—The ability to read at sight simple French prose, and to translate correctly simple English into French;

a knowledge of the principles of French grammar, as contained in any good work on the subject.

(*b*) GERMAN.—The ability to read at sight simple German prose, and to translate correctly simple English into German; a knowledge of the principles of German grammar, as contained in any good work on the subject. Ability to follow University class-exercises in German, and to answer in German.

Beginning with the session of 1899-1900 applicants must pass satisfactory examinations in 1 *a* and *b*, 2, 3, 4, 5, 6 *a*, *b* and *c*, 11, and 12 *b*, *c* and *d*.

ADVANCED STANDING

Students completing at the University of California the three years' Course Preparatory for Medicine are admitted to the Second-Year Class without examination. Upon the completion of the medical course they are given the two degrees of B. Sc. and M. D.

Graduates of recognized Literary and Scientific Colleges are admitted to the Second-Year Class without examination.

Students who have attended one full course in any recognized regular Medical College, requiring a preliminary examination equivalent to the one required by this institution, are, upon passing a satisfactory examination in the curriculum provided for the first year, admitted as students of the Second-Year Class, provided the courses are in different calendar years.

Students who have attended two full courses in any recognized regular Medical College, are, upon passing a satisfactory examination in the curricula of the first and second year, admitted as students of the Third-Year Class, provided the courses of lectures are in different calendar years.

Students who have attended three full courses of lectures in any recognized regular Medical College, are, upon passing a satisfactory examination in the curricula of the first, second and third years, admitted as students of the Fourth-Year Class, provided the courses of lectures are in different calendar years.

Graduates of recognized regular Medical Colleges requiring attendance upon four courses of lectures are admitted as students of the Fourth-Year Class upon the same conditions as given in the preceding paragraph.

Under no circumstances is a student credited with attendance upon two courses of lectures, unless such courses have been in different calendar years.

Students who have attended one or more courses of lectures in Medical Colleges not requiring a preliminary examination equivalent to the one required by this institution are not admitted to advanced standing unless they pass the usual matriculation examination, as given on page 12.

Graduates of Pharmaceutical Colleges in good standing are

admitted to the Second-Year Class without examination, provided they meet the usual matriculation requirements.

Graduates of recognized Dental Colleges requiring an attendance upon three annual courses of lectures are admitted to the Third-Year Class upon passing a satisfactory examination in the curricula of the first and second years, provided they meet the usual matriculation requirements.

Certificates of private study under the direction of a physician are not recognized.

Theological and Law Students are admitted to special lectures without examination.

HOSPITAL APPOINTMENTS

The position of Interne, or House Physician and Surgeon, in the City and County Hospital, is open each year to four members of the graduating class who recommend themselves to the Faculty by their diligence and general fitness for the appointments. Internes receive their board and lodging for one year, and secure opportunities for accumulating an invaluable experience in every field of Medicine and Surgery.

On completion of the term of service, a certificate is issued by the San Francisco Board of Health and the authorities of the City and County Hospital, as evidence of the faithful performance of the required duties.

Students of the Fourth-Year Class desiring these appointments are required to make application in writing to the Dean, at least two weeks before the close of the session.

The City Receiving Hospital is open to students and graduates of this institution. In this hospital an excellent opportunity is afforded for experience in emergency work.

Several of the private hospitals in the city provide positions on the house staff, which are open to graduates of this College, viz:

St. Mary's Hospital, St. Luke's Hospital, U. S. Marine Hospital, La Maison de Santé (French Hospital), German Hospital, and the Hospital for Children.

Assistants to the staff of the San Francisco Polyclinic are also appointed from the graduates of this institution.

REQUIREMENTS FOR GRADUATION

I. The candidate for the degree of Doctor of Medicine must have attained the age of twenty-one years. He must give satisfactory evidence of possessing a good moral character, which includes unexceptionable conduct while at the College. The Faculty reserves the right to terminate the connection of any student with the institution at any time on the ground of what it may deem moral or mental unfitness for the profession.

II. He must have studied medicine four full years, and must have attended four regular courses of lectures in separate calendar years, the last of which must have been that of the University of California.

III. He must have passed the required examinations, written and oral.

IV. He must have pursued the study of practical Anatomy during at least two sessions, and must present certificates of having dissected every part of the cadaver.

V. He must have paid in full the College fees, including the graduation fee.

FEES

Matriculation Fee (paid but once).....	\$ 5 00
Practical Anatomy Ticket for each of two years.....	10 00
Fee for each Course of Lectures attended.....	100 00
Graduating Fee (paid but once, but not returnable).....	25 00

BOARDING

The expense of living in San Francisco is not great. Good board with room rent may now be procured at the low rate of five dollars per week, at a convenient distance from the College building.

METHODS OF INSTRUCTION

The course of study pursued in this school comprises Clinical, Didactic, and Laboratory teaching. Special prominence is given to the first, although it is intended that the three methods shall be so blended as to form one harmonious whole.

DIDACTIC TEACHING

A brief outline of the course pursued by the several departments will be found in the following summary:

Anatomy.—Professor Williamson's course in Anatomy will be illustrated by demonstrations on the cadaver, and by both wet and dry preparations, models, manikins, drawings and diagrams, and will include a course on general, special, topographical and surgical anatomy. The dissecting room is spacious, well ventilated, lighted from above, and provided with the necessary conveniences. It is open daily throughout the year, under the superintendence of the Professor and the Demonstrator of Anatomy. A supply of material is always procurable at small cost. When dissections are conducted in a diligent and satisfactory manner, the student is furnished with certificates stating the amount and part dissected. One of the demonstrators is present daily in the dissecting room during working hours, so that students will receive the proper attention and assistance.

An osteological room is open during the term, where students have the opportunity of studying the anatomy of bones and articulations. Special demonstrations are conducted in this room for members of the First-Year Class.

A course of lectures on Surgical Anatomy is delivered before the Third-Year Class. The course in Anatomy is divided between the Professor of Anatomy and his assistants. A schedule outlining this work is issued to students at the beginning of the term.

The principal feature of the entire course is the thorough drill in Practical Anatomy. Students who have been careless or negligent in their dissections are not granted certificates

until by additional work they have entirely covered their deficiencies.

Physiology.—The lectures in this department by Professor D'Ancona and Drs. Hawkins and Leland embrace a consideration of both general and special Physiology, and are illustrated by a complete series of colored drawings and by photographs projected upon a screen by means of the stereopticon; besides which, the large collection of preparations and drawings of the Scientific Department of Berkeley are at the command of the Professor. Vivisections are practiced when necessary.

The course embraces the lectures of two years, one year being devoted to the physiology of the nervous system and reproduction, the other to nutrition, respiration, circulation, etc., and the special senses.

Histology and Pathology.—Professor John C. Spencer strives to make this course as practical as possible. Sections of normal tissue and diseased organs ready for mounting are given to the students, so that they may become familiarized with the methods of preparing specimens for examination. In this way the general principles of normal growth and development, and the operation of pathological laws are illustrated and fixed in the mind of the student. The use of the microscope as an aid to diagnosis in the examination of sputum, urine, blood, etc., is also in this way illustrated, as opportunity arises.

Materia Medica and Medical Chemistry.—Professor A. L. Lengfeld, in his course, gives special attention to that part of Chemistry relating to Medicine and Pharmacy. The lectures are illustrated by experiments, and the theory is demonstrated practically by excursions to various public works from time to time. The nature, origin, physical and chemical properties of the various remedies officinal in the United States Pharmacopœia are fully elucidated. The cabinet of Materia Medica, which contains the important as well as the new and rare drugs and pharmaceutical preparations employed in medicine, is used to illustrate the lectures.

Practical Chemistry.—The Chemical Laboratory has been thoroughly refitted with the latest and most approved apparatus. Each student is provided with a separate bench and set of apparatus and reagents, performing individually all experiments. Associate Professor Frank T. Green conducts a systematic course in Practical Chemistry, including qualitative and quantitative analysis of water, foods, milk, urine, mineral and vegetable poisons.

First Year.—Each student performs a series of experiments in which he develops the main principles of the science of chemistry, and becomes familiar with chemical substances and their reactions.

Second Year.—The simplest and most approved methods of examining water, milk and urine, chemically and microscopically, are performed by each student. The course closes with a series of tests for alkaloids in organic and other mixtures.

Chemical Laboratory.—*First Year.*—The important feature of the first year's work is the *reactions* of the *acids* and *bases*, together with chemical manipulation from an analytical standpoint. The object of such work is to familiarize the student with acids and salts, together with their behavior towards each other, that he may gain a knowledge of chemical incompatibilities.

Specific Gravity with *Hydrometers* is then considered.

This is to be followed by *Urinalysis* (qualitative). First Part: Normal properties and constituents. Second Part: Abnormal properties and constituents. Third Part: The study of urinary sediments, together with their forms, crystalline, organized and amorphous, with their micro-chemic behavior towards reagents.

Toxicology from an analytical standpoint is dwelt upon, embracing the tests for identification of the volatile, mineral and vegetable poisons.

Each student is required to be present at the laboratory sessions, keep desks, apparatus and reagent bottles clean and in order, keep a journal, and submit reports to the professor in charge.

Second Year.—*Qualitative relationship of volume and weight*, or specific gravity of solids lighter and heavier than water; of

both heavy and light liquids. By means of the Pycnometer, Erdman float and Westphal balance, specific gravity is dwelt upon as much to familiarize the student with the metric system, as for the special teaching and experience gained.

The *Blow-pipe*, the platinum wire and foil, borax bead and stick of charcoal, open and closed glass tubes, as a basis of preliminary examinations, are touched upon.

The *Spectroscope* in its applications to the analysis of the flames of volatilizing alkalis and earths; also the identification of the absorption spectra of blood and certain organic colors, follows.

Quantitative urinalysis is pursued with a view to aid in diagnosis.

Urine.—Volumetric estimations: glucose, acidity, chlorides, albumen, phosphates. Gravimetric estimations: sulphates, chlorides, uric acid, albumen. Gasometric estimations: glucose and urea (by decomposition).

The *Polariscope* and its use in estimating the quantities of glucose in diabetic urine, with a control by Fehling's method. The polarization of albumen.

Milk analysis according to the standards adopted by the San Francisco Board of Health. Milk, with its organic and inorganic constituents; numerous samples to be analyzed in the laboratory by each student, not only examined as to adulteration but as regards composition.

Water analysis from a sanitary standpoint, both qualitative and quantitative, as factors in the determination of purity.

Toxicology.—The search for poisons in foods and tissues. The student is required to separate and detect poisons from same, using corroborative methods of identification.

Food adulteration and its detection. Tea, coffee, cocoa, butter, sugar, confectionery, honey, beverages, liquors, vinegar, pickles and condiments.

Students to be present at laboratory, keep desks, apparatus, reagent bottles, etc., clean and in order, to keep a journal, bring samples, and submit reports to the professor in charge.

Dr. C. L. Morgan, Assistant to the Chair of Materia Medica, in his course describes fully the various classes of preparations recognized in the U. S. Pharmacopœia and demonstrates prac-

tically the method of their preparation. At the same time a knowledge of Pharmacy is imparted and the intricacies of Prescription Writing fully elucidated. One hour each week is devoted to this subject and all first-year students are required to attend.

Therapeutics (Medical and Surgical).—The lectures in this department, by Professor Dodge and Dr. Berndt, explain the physiological actions and therapeutic indications of all agents, medical and surgical, used for the cure, alleviation or prevention of diseases. During the Fourth year Professor Dodge will take up particularly Applied Therapeutics, giving fully the treatment, hygienic, dietetic and medicinal, of the more important diseases.

Electro-therapeutics.—Dr. Philip Mills Jones delivers a course of lectures to the Third-Year and Second-Year Classes. The first half of the course is devoted to electro-physics, with the object of thoroughly grounding the student in so much of the physics of electricity as is requisite to insure intelligent handling of apparatus and therapeutic application of electricity. After a good working knowledge of the electrical laws and theories necessary to an understanding of the subject, and of the principles governing the construction or selection of apparatus, has been acquired by the student, he is carefully instructed in the various applications of electricity in diagnosis and in the treatment of disease. The essentials of each method of electrical treatment are fully outlined, together with the reasons governing the choice of the particular method employed in each case, the manner of application, the indications, and the changes to be anticipated. The apparatus for producing, and the technique of employing, the X-Rays of Prof. Roentgen, are fully explained.

Surgery.—Professor Taylor and Associate Professor Shields deliver three lectures each week on the science and art of Surgery. The more recent views on the management of surgical conditions, and the appliances devised for their relief, are particularly dwelt upon and illustrated with drawings and models when necessary. The course will include a series of lectures upon Operative Surgery, with demonstrations on the cadaver. The students will be drilled in the manipulation of instruments used in the various operations.

Practice of Medicine.—Professor W. F. McNutt presents in his lectures the Principles and Practice of Medicine in its modern aspects. He gives a description of the different diseases, their etiology, pathology, symptoms, diagnosis, prognosis and treatment. The various pathological changes are demonstrated by means of plates, preparations, and recent specimens of diseased parts.

Obstetrics.—The science and art of Obstetrics are taught by Professor R. Beverly Cole and Dr. James L. McCone. Their lectures are fully illustrated by the use of colored plates and drawings, prepared specimens, and the manikin. The principal obstetric operations are performed on the cadaver in the presence of the class.

Gynecology.—This subject is taught didactically and clinically by Professor Cole and Associate Professor von Hoffmann. The use of gynecological instruments is carefully shown, and the several procedures explained by means of colored charts, diagrams and manikins.

Nervous and Mental Diseases.—The instruction, in addition to the regular lectures by Professor Robertson on the Medical Jurisprudence of Insanity, will include a course on Alcoholism and the Narcotics, together with a discussion of the localization of lesions of the nervous system. These lectures will be illustrated by specially prepared plates and diagrams, showing the results of the most recent investigations. It is intended to illustrate this subject further by demonstrations of normal and pathological brains and spinal cords.

Functional nervous diseases, including the various phases of Hysteria and Hypnotic conditions, will receive special attention. The instruction in both functional and organic diseases of the nervous system will be supplemented by clinical lectures and demonstrations. It is intended that the students shall further familiarize themselves with the pathological appearance of nervous tissue, not only by observing sections already prepared, but by actual work in the laboratory, where section cutting, staining, and slide mounting will be taught.

In addition to the regular lectures on Insanity, visits will be made to the various city and state institutions for the care

of the insane, so as to acquaint the students more thoroughly with the characteristic features of this disease.

Diseases of Children.—Professor Swan and Associate Professor Lewitt will devote one hour each week to this subject, illustrating their lectures by notes drawn from an unusually large experience in the management of diseases peculiar to children.

CLINICAL TEACHING

In Clinical Teaching, the plan pursued by the several Clinical Professors has for its aim the actual confronting of the student with the phenomena of disease, that the senses of sight, hearing and touch may be trained to aid in forming a correct diagnosis.

The facilities for clinical studies open to the students of the University have been largely increased. Full access is given to the City and County Hospital, a complete and modern structure, containing five hundred beds, and presenting for observation perhaps every known form of disease, including those peculiar to tropical and South America. The staff of the Hospital is largely drawn from the Faculty of the University, giving them unusual advantages for developing clinical material. The Professor of Clinical Surgery has charge of three surgical wards (thirty-two beds in each), the Professor of Clinical Medicine two wards, the Professor of Obstetrics and Gynecology and the Professor of Ophthalmology, one ward each. Autopsies are conducted three times a week in the Mortuary by the Pathologist. A large operating theatre has been erected, where the major and minor operations of surgery are performed in view of the class. Operating days are Tuesday and Saturday. The Hospital is situated at the junction of Twenty-second street with Potrero avenue, and is accessible from the North Beach and Mission cars, the Omnibus, the Mission street, and Valencia street lines.

HOSPITAL CLINICS

Clinical Surgery.—Professor McLean delivers clinical lectures on Practical and Operative Surgery, at the City and County Hospital, on Tuesdays, Thursdays and Saturdays, throughout the session. Especial attention is given, in a ward devoted to the purpose, to the conduct of disorders of the genito-urinary organs and venereal diseases. A course of Minor Surgery is also given. Instruction in this branch includes the application of bandages and the various dressings used in treating wounds, fractures, dislocations, etc.

REPORT OF THE SURGICAL DIVISION OF THE HOSPITAL OF THE CITY AND COUNTY OF SAN FRANCISCO, UNDER THE CHARGE OF PROFESSOR ROBT. A. MCLEAN, OF THE UNIVERSITY OF CALIFORNIA, FROM JULY 1ST, 1897, TO APRIL 30TH, 1898, INCLUSIVE.

	Cured.	Improved.	Unimproved	Died.	Total.
AMPUTATIONS—					
Thigh, Tubercular Knee-Joint .....	.....	I	.....	.....	I
Leg, Tuberculosis.....	.....	2	.....	.....	2
Hip-Joint, Tuberculosis.....	.....	I	.....	.....	I
Shoulder, Gunshot Wound.....	I	.....	.....	.....	I
Hand, Gangrene.....	I	.....	.....	.....	I
Toes, Necrosis.....	2	.....	.....	.....	2
Arm, Tubercular Elbow.....	I	.....	.....	.....	I
Foot, Paralysis of Muscles.....	I	.....	.....	.....	I
Finger, Gangrene.....	I	.....	.....	.....	I
RESECTIONS—					
Knee-Joint, Tuberculosis.....	I	2	.....	.....	3
Ankle, Tuberculosis.....	.....	I	.....	.....	I
Tubercular Clavicle, Lt. End Removed.....	.....	1	.....	.....	I
Compound Fracture Tibia, Bones Wired.....	I	.....	.....	.....	I
“ “ “ Opened and Drained.....	.....	.....	.....	I	I
“ “ “ Femur, Fragment Rem'vd.....	.....	I	.....	.....	I
Fracture Inferior Maxilla, Bone Wired.....	I	.....	.....	.....	I
Necrosis Inf. Maxilla, Necrotic Bone Rem'vd ...	.....	2	.....	.....	2
Necrosis Ulna, Necrotic Bone Removed.....	I	.....	.....	.....	I
Aspirated, Pyonephrosis, three times.....	.....	.....	.....	I	I
“ Tubercular Knee, Injection Iodoform Emulsion.....	.....	I	.....	.....	I
Floating Cartilages Knee-Joint Removed.....	I	I	.....	.....	2
TUMORS—					
Sarcoma of Neck.....	.....	I	.....	2	3
“ Eye and Appendages, Enucleation.....	.....	I	.....	.....	I
Epithelioma, Eye.....	.....	I	.....	.....	I
“ Lower Lip.....	2	.....	.....	.....	2

	Cured.	Improved.	Unimproved	Died.	Total.
Epithelioma, Nose.....	.....	I	.....	.....	I
" Tongue.....	.....	I	.....	.....	I
" Lower Lip. Lower lip removed	.....	.....	.....	.....	.....
Ant. half of inferior maxilla resected.....	.....	I	.....	.....	I
Epithelioma of Bladder. 1st op., Perineal Cys-	.....	.....	.....	.....	.....
totomy; 2d, Partial Extirpation of Bladder	.....	.....	.....	I	I
Old Sinus of Back, Opened and Cured.....	I	.....	.....	.....	I
Old Sinus following Op. for Ob. ing. Hernia.....	I	.....	.....	.....	I
Sciatica, Nerve Stretched.....	I	I	.....	.....	2
Cystic Goitre Removed.....	I	.....	.....	.....	I
Traumatic Hemiplegia resulting from depressed	.....	.....	.....	.....	.....
fracture of skull, Bone Removed.....	.....	I	.....	.....	I
Empyema, Resection of Ribs.....	.....	I	.....	.....	I
Ascites, Tapped.....	.....	I	.....	.....	I
PLASTICS—					
Skin Graft, Burn of Leg.....	I	.....	.....	.....	I
" " Ulcer of Leg.....	I	.....	.....	.....	I
EXCISIONS—					
Tubercular Cervical Glands.....	2	3	.....	.....	5
" " Adenitis.....	I	I	.....	.....	2
Wen, Head.....	I	.....	.....	.....	I
Varicose Veins, Legs, Ligated.....	2	.....	I	.....	3
INCISIONS, ABSCESES—					
Alveolar.....	2	.....	.....	.....	2
Jaw.....	2	.....	.....	.....	2
Neck.....	I	.....	.....	.....	I
Back.....	I	.....	.....	.....	I
Leg.....	2	.....	.....	.....	2
Groin.....	2	.....	.....	.....	2
Ischio-Rectal.....	3	.....	.....	.....	3
Perinephritic.....	I	.....	.....	.....	I
Liver, following Laparotomy.....	.....	I	.....	.....	I
Bubo-Chancroidal.....	7	2	.....	.....	9
Hematoma of Neck.....	.....	I	.....	.....	I
Phlegmon of Arm.....	.....	I	.....	.....	I
" Hand.....	.....	2	.....	.....	2
" Thigh.....	I	I	.....	.....	2
" Leg.....	I	.....	.....	.....	I
LAPAROTOMY—					
Exploratory Incision.....	.....	.....	I	.....	I
Carcinoma of Ileum.....	.....	.....	I	.....	I
Appendicitis.....	I	.....	.....	.....	I
Colostomy, Carcinoma of Rectum.....	.....	.....	.....	I	I
Cholecystotomy.....	I	.....	.....	.....	I
Abscess of Liver.....	.....	I	.....	.....	I
Hernia, Oblique Inguinal, Radical Cure.....	3	I	.....	.....	4
" Strangulated, Reduced.....	.....	.....	.....	I	I
Pyonephrosis & Stone in Ureter, Lumbar incis'n	.....	I	.....	.....	I
GENITO-URINARY—					
Internal Urethrotomy.....	6	I	.....	.....	7
Dilatation.....	.....	2	.....	.....	2

	Cured.	Improved.	Unimproved	Died.	Total.
Circumcision.....	5	2	.....	.....	7
Varicocele	5	.....	.....	.....	5
HYDROCELE—					
Aspirated .....	.....	1	.....	.....	1
Radical.....	4	.....	.....	.....	4
RECTUM—					
Perineal Sinus, Cut and Cured.....	.....	1	.....	.....	1
Fistula in Ano, Cut and Cured.....	3	2	.....	.....	5
Hemorrhoids, Excised.....	2	.....	.....	.....	2
“ Ligated.....	4	.....	.....	.....	4
GENERAL DISEASES—					
Erysipelas	1	.....	.....	.....	1
Gangrene, Senile.....	.....	1	.....	.....	1
“ Moist.....	.....	3	.....	.....	3
General Tuberculosis.....	.....	.....	.....	1	1
SYPHILIS—					
Primary.....	.....	3	.....	.....	3
Secondary.....	.....	3	.....	.....	3
“ with Phimosi.....	.....	2	.....	.....	2
Tertiary.....	.....	3	.....	.....	3
MALIGNANT TUMORS—					
Carcinoma of Neck.....	.....	1	1	2	4
Epithelioma—Lip.....	1	2	.....	.....	3
“ Tongue.....	.....	2	.....	.....	2
“ Nose.....	.....	1	.....	.....	1
NON-MALIGNANT—					
Lipoma of Back.....	1	.....	.....	.....	1
LOCAL DISEASES, DIGESTIVE SYSTEM—					
Cancer of Tongue.....	.....	1	.....	.....	1
Malignant Disease of Throat.....	.....	1	.....	.....	1
Ulceration of Left Palate.....	.....	.....	1	.....	1
Stricture of Œsophagus.....	.....	1	.....	.....	1
Foreign Body in Œsophagus.....	1	.....	.....	.....	1
Appendicitis.....	1	1	.....	.....	2
Hernia—Oblique Inguinal.....	1	.....	2	.....	3
“ Strangulated “ .....	.....	.....	.....	1	1
Cancer of Rectum.....	.....	.....	.....	1	1
Ischio-Rectal Abscess.....	3	.....	.....	.....	3
Fistula in Ano.....	3	1	.....	.....	4
Hemorrhoids, Internal.....	1	1	.....	.....	2
“ External.....	2	1	.....	.....	3
ABSORBENT SYSTEM—					
Adenitis, Following Cancer of Tongue.....	.....	1	.....	.....	1
“ Tubercular.....	1	1	.....	.....	2
“ Cervical.....	1	.....	.....	.....	1
Syphilitic Bubo.....	.....	1	.....	.....	1
Chancroidal Bubo.....	8	3	.....	.....	11
RESPIRATORY SYSTEM—					
Empyema.....	.....	3	.....	1	4
SECRETORY SYSTEM—					
Abscess of Liver.....	.....	1	.....	1	2

DISEASES.	Cured.	Improved.	Unimproved	Died.	Total.
URINARY SYSTEM—					
Pyonephrosis.....		I			I
Abscess, Kidney and Pancreas.....				I	I
Perinephritic Abscess.....	I				I
Cystitis, Chronic.....		I			I
“ Gonorrhoeal.....	I	I			2
Cancer of Bladder.....				I	I
GONORRHOEA AND ITS COMPLICATIONS—					
Gonorrhoea.....	4	2	I		7
Gonorrhoeal Orchitis.....	3				3
“ Epididymitis.....	5	I	I		7
MALE URETHRA—					
Stricture, Organic.....	12	2			14
Rupture.....		I			I
Laceration.....		I			I
SKIN—					
Erythema Multiforme.....	I				I
General Exfoliate Dermatitis, with Suppurative Adenitis.....				I	I
Eczema, Face.....	I				I
“ Universal.....		I			I
“ Scrotum.....		I			I
Sebaceous Cyst.....	I				I
Furuncle, Hand.....	I				I
Carbuncle, Neck.....	I			I	I
GENERATIVE ORGANS—					
Phimosis.....	2				2
“ Congenital.....	I				I
Abscess of Penis.....	I				I
Hydrocele.....	4				4
Varicocele.....	4	I	I		6
Tuberculous Testicle.....		I			I
Traumatic Orchitis.....	2				2
NERVOUS SYSTEM—					
Hemiplegia, Traumatic.....		2			2
Sciatica.....	I	2			3
Epilepsy.....		2			2
BONES—					
Necrosis of Tibia.....		I			I
“ of Great Toe.....		I			I
Joints, Acute Synovitis.....	I	I			2
Tubercular Knee Joint.....		2	I		3
Floating Cartilages, Knee Joint.....	I	I			3
Hydrops Articul.....		I	I		I
TENDONS—					
Contracted Tendo Achilles.....			I		I
LOCAL INJURIES—					
HEAD—Lacerated Wounds, Scalp.....	19	I			20
Contusion.....	11				11
Fracture, Skull.....		2			2

	Cured.	Improved.	Unimproved	Died.	Total.
FACE—Lacerated Wounds.....	4	I			5
Contusion.....	3				3
Burn, First Degree.....	I				I
Fracture, Inferior Maxilla.....	I				I
“ Nose.....	I				I
Infected Wound, Face.....	I				I
Abscess, Inferior Maxilla.....	2				2
NECK—Gunshot Wound.....	I				I
Abscess.....	I				I
CHEST—Contusions.....	6				6
Fracture of Rib.....	2	I			3
BACK—Sprain.....	3	I			4
Contusion.....	5	I			6
New Growth.....			I		I
Caries of Vertebrae.....		I			I
ABDOMEN—Incised Wound.....		I			I
Abdominal Tumor.....			I		I
Penetrating (Stab) Wound of Abdomen.....	I				I
UPPER EXTREMITIES—					
Lacerated Wounds.....	10	3			13
Contusions.....	11				11
Fracture, Clavicle.....	5	I			6
“ “ Comminuted.....		I			I
Fracture, Humerus, Shaft.....	2				2
“ “ Surgical Neck.....	2				2
“ “ Comp. Comminuted Result- ing from Gunshot.....	2				2
Intracondylar Fracture.....		I			I
Fracture, Radius Shaft.....	3	I			4
“ “ Colles.....	2	I			3
“ Metacarpus.....	I				I
Dislocation, Clavicle (st. end).....	4				4
“ Shoulder.....	3				3
“ Wrist.....		I			I
Gunshot Wound, Axilla.....	I				I
Phlegmon, Axilla.....		I			I
Abscess “.....	I				I
Sprain, Shoulder.....	I	I			2
“ Wrist.....	2				2
Phlegmon, Arm.....	I				I
“ Hand.....	I	3			4
Hand, Infected Wound.....	I				I
“ Tubercular.....		I			I
LOWER EXTREMITIES—					
Lacerated Wound.....	7				7
Contusion.....	18	3			21
Fracture of Femur, Shaft.....	2				2
“ “ “ Intra-Capsular.....	2	I			3
“ “ “ Extra- “.....	I				I
Fracture, Patella.....	4				4
“ Tibia.....	4	3			7

	Cured.	Improved.	Unimproved	Died.	Total.
Fracture, Fibula, Shaft.....	2	I	.....	.....	3
“ “ Pott's	7	I	.....	.....	8
“ Tibia and Fibula.....	5	I	.....	.....	6
“ Compound of Tibia.....	I	.....	.....	.....	I
“ Astragalus.....	3	.....	.....	.....	3
“ Metatarses, Compound.....	I	.....	.....	.....	I
“ Tarsus, Compound.....	I	.....	.....	.....	I
Traumatic amt. of Toes.....	I	.....	.....	.....	I
Abscess, Gluteal Region.....	I	.....	.....	.....	I
“ Thigh.....	2	.....	.....	.....	2
“ Knee.....	I	.....	.....	.....	I
Phlegmon Knee.....	2	.....	.....	.....	2
“ “ and Leg.....	.....	2	.....	.....	2
“ of Leg.....	2	I	.....	.....	3
Burn of Leg.....	2	I	.....	.....	3
“ of Foot.....	3	.....	.....	.....	3
Puncture Wound of Leg.....	2	.....	.....	.....	2
“ “ Foot.....	2	.....	.....	.....	2
Inject. Wound of Leg.....	3	.....	.....	.....	3
Sprain, Ankle.....	17	5	.....	.....	22
Ulcer of Leg.....	8	14	.....	.....	22
“ “ Varicose.....	3	I	I	.....	.....
“ “ Traumatic.....	2	.....	.....	.....	2
UNCLASSIFIED—					
Gunshot Wound of Eye, Thumb, and Index Finger, Operation, Enucleation of Eye, and Amputation.....	I	.....	.....	.....	I
Cystic Goitre.....	I	.....	.....	.....	I
Old Sinus Following Operation for Inguinal Hernia.....	I	.....	.....	.....	I
Septicæmia .....	.....	.....	I	.....	I
Burns, Face, Hands and Arms.....	.....	I	.....	.....	I
Paralysis of Muscles Surrounding Ankle Joint. Operation, Amputation.....	I	.....	.....	.....	I
					590

THOS. D. MAHER, M. D.,
Interne Wards A & B, C. & C. Hospital.

Clinical Medicine.—Professor W. W. Kerr will deliver a course of lectures on Clinical Medicine at the same hospital each Tuesday, Thursday and Saturday. The course of study will consist in the demonstration of cases illustrating the different phases and peculiarities which disease assumes, the examination of patients at the bedside by the student, under the guidance of the professor, together with instruction in all those details which qualify the student to discharge his duty agreeably and efficiently in the sick-room.

REPORT OF THE MEDICAL DIVISION OF THE HOSPITAL OF THE CITY AND COUNTY OF SAN FRANCISCO, UNDER THE CHARGE OF PROFESSOR WM. WATT KERR, FROM MAY 1ST, 1897, TO APRIL 30TH, 1898, INCLUSIVE.

Emphysema	4	Cystitis.....	3
Empyema	3	Diabetes, Incipient.....	2
Abscess of Lung.....	1	“ Mellitus.....	10
Bronchitis, Acute.....	62	Carcinoma of Bladder.....	1
“ Chronic	12	Pyelitis.....	6
Phthisis	95	Nephritis, Paren. Acute.....	10
Gangrene of Lung.....	1	“ “ Chronic.....	15
Pneumonia, Broncho.....	4	“ Interstitial.....	13
“ Lobar	40	Neuralgia, Occipital.....	2
“ Hypostatic.....	4	“ Facial.....	6
Asthma.....	22	“ Intercostal.....	8
Pleurisy, Tubercular.....	2	Pleurodynia	4
“ Effusion.....	20	Hemicrassia.....	4
“ Dry.....	8	Lumbago	7
Aneurism of Aorta.....	2	Hysteria.....	5
Aneurismal Varix.....	1	Multiple Neuritis.....	15
General Atheroma.....	12	Chorea	2
Mit. Incomp	48	Neurasthenia.....	10
“ Stenosis.....	14	Paralysis, Agitans.....	2
“ and Aortic Stenosis.....	4	Epilepsy, Grand Mal.....	8
Aortic and Mit. Incom.....	8	“ Petit Mal.....	4
Other Lesions.....	12	Paralysis of Quad. Exten.....	2
Fatty Heart.....	7	Senile Paralysis.....	2
Dilated Heart.....	27	Locomotor Ataxia.....	7
Pericarditis	2	Hemiplegia (Cerebral hem'рге) ..	15
Venous Thromb., Right Leg....	1	Cerebritis.....	2
Angina Pectoris.....	2	Meningitis, Tubercular.....	2
Pseudo Diphtheria.....	2	Anemia	8
Laryngitis, Tubercular.....	15	Rheumatoid Arth.....	4
“ Syphilitic.....	4	Rheumatism, Artic.....	73
“ Acute	9	Cervical Adenitis.....	4
Tonsillitis.....	9	Obesity.....	4
Liver, Cirrhosis.....	10	Exophthalmic Goitre.....	2
“ Abscess	2	Glandular Leukemia.....	1
“ Pass. Congestion.....	9	Leucocythemia.....	2
“ Catarrhal Jaundice.....	4	La Grippe	4
“ Obstruct. “	3	Intermittent Fever.....	62
“ Carcinoma	8	Remittent Fever.....	4
Entero-Colitis.....	3	Alcoholism	32

Gastro-Enteritis.....	12	Typhoid.....	29
Gastritis, Acute and Chronic...	35	Measles.....	2
Carcinoma of Stomach.....	11	Gon. Rheumatism.....	4
Stricture of Œsophagus.....	2	Gout.....	3
Intestinal Obstruction.....	8	Plumbism.....	2
Constipation.....	34	Insanity.....	4
Diarrhœa.....	17	Dermatitis, Exfol.....	2
Dyspepsia, Atonic.....	6	Herpes Zoster.....	4
“ Flatulent.....	13	Acne Rosacea.....	6
Enteralgia.....	2	Erysipelas.....	22
Ptomaine Poisoning.....	2	Syphilis.....	12

Gynecology and Practical Midwifery. — Professor R. Beverly Cole holds a Thursday Clinic, including a course of instruction in Operative Gynecology, the use of instruments, appliances, etc. He will also devote a portion of his lectures to Clinical Midwifery, taking as illustrations such cases of interest as may occur in the lying-in ward from time to time. The senior students will each, in rotation, have opportunities for the study of Practical Obstetrics at the bedside.

REPORT OF THE CLINIC ON OBSTETRICS AND GYNECOLOGY OF THE HOSPITAL OF THE CITY AND COUNTY OF SAN FRANCISCO, UNDER THE CHARGE OF PROFESSOR R. BEVERLY COLE, ASSOCIATE PROFESSOR C. A. VON HOFFMANN AND DR. JAMES F. MCCONE, OF THE UNIVERSITY OF CALIFORNIA, FROM JULY 1ST, 1897, TO JUNE 30TH, 1898, INCLUSIVE.

Pregnancy.....	10	Fibroid of Uterus.....	4
Abortion, Incomplete.....	12	Carcinoma Uteri.....	2
“ Threatened.....	7	Dysmenorrhœa.....	2
Cystitis.....	3	Salpingitis.....	9
Vaginitis, Simple.....	5	Oophoritis.....	4
“ Gonorrhœal.....	7	Ovarian Prolapsus.....	2
Vaginal Epithelioma.....	1	Parametritis.....	8
Lacerated Cervix Uteri.....	7	Peritonitis.....	3
Stenosis of Cervix.....	2	Pelvic Abscess.....	2
Endocervicitis.....	4	Pyæmia.....	1
Epithelioma of Cervix.....	2	Hæmatocele.....	3
Endometritis, Simple.....	3	Fistula in Ano.....	2
“ Infective.....	8	Perineal Laceration, Partial....	4
“ Hemorrhagic.....	4	“ “ Complete	2
Retroversion of Uterus.....	5	Syphilis, Primary.....	1
Retroflexion.....	4	“ Secondary.....	5
Antiflexion.....	2	Hernia, Umbilical.....	1
Prolapsus Uteri.....	2		

Ophthalmology and Otology.— Professor Powers will deliver one didactic lecture a week during the course, covering the subjects of the Eye and Ear. These lectures will be illustrated by models, charts and blackboard drawings. He will also conduct two clinics a week at the College Dispensary, where, in addition to operative and severe cases, he has a large out-patient clinic, including many children, with many illustrations of cases as they appear in daily practice. At these clinics senior students are required, in turn, to keep record of the cases, with a view to cultivating a habit of casewriting. Associate Professor W. E. Hopkins will hold one clinic a week at the City and County Hospital and deliver a course of lectures on the nose and throat with quizzes.

REPORT OF THE OPHTHALMOLOGIC AND OTOLOGIC DIVISION OF THE
HOSPITAL OF THE CITY AND COUNTY OF SAN FRANCISCO, UNDER
THE CHARGE OF PROF. W. E. HOPKINS OF THE UNIVERSITY OF
CALIFORNIA, FROM MAY 1, 1897, to APRIL 30, 1898.

DISEASES.	Cured.	Improved.	Unimproved	Total.
Conjunctivitis, Catarrhal.....	3	.....	.....	3
" Granular.....	.....	I	I	2
" Follicular.....	.....	I	I	2
Ectropium.....	.....	I	.....	I
Pterygium.....	2	.....	.....	2
Pannus.....	.....	I	.....	I
Keratitis.....	.....	I	.....	I
" Interstitial.....	.....	I	.....	I
Ulcer of Cornea.....	.....	I	.....	I
Perforating Ulcer of Cornea, Enucleation of Eye.....	.....	I	.....	I
Macula Opacity of Cornea.....	.....	.....	I	I
Staphyloma, Partial.....	.....	2	.....	2
Iritis, Syphilitic.....	5	2	.....	7
" Rheumatic.....	2	2	I	5
" Traumatic.....	2	.....	.....	2
Iritis.....	.....	2	.....	2
Iritis and Ulcer of Cornea.....	.....	2	.....	2
Rheumatic Iritis and Trachoma.....	.....	I	.....	I
Cataract.....	2	I	.....	3
Cataract, Soft.....	2	2	.....	4
" Senile.....	3	I	3	7
" Traumatic.....	3	I	.....	4
Retinitis-Choroiditis and Atrophy of both Optic Nerves.....	.....	I	.....	I
Retinitis and Paralysis of ex-Rectus Muscle.....	.....	I	.....	I
Atrophy of Optic Nerve.....	.....	2	5	7

Gunshot Wound of Eye, Enucleation.....	1	.....	.....	1
Mastoiditis	1	2	.....	3
Otitis Media, Catarrhal.....	2	.....	.....	2
“ “ Suppurative.....	.....	1	.....	1
Obstruction of Lachrymal Duct.....	.....	1	.....	1
	28	32	12	72

OPERATIONS ON THE EYE AND EAR FROM JULY 1ST, 1897, TO APRIL 30TH, 1898, INCLUSIVE.

Enucleation—8.

Iridectomies—10; 4 cured, 4 improved, 2 unimproved.

Soft Cataracts—4 needled, 3 improved, 1 unimproved.

Pterygium—2 excised.

Pannus—Both eyelids curetted, and solution of bichloride of mercury applied.

Mastoiditis—2 cases of Mastoid trephined; both cases improved.

OUT-PATIENT CLINICS

The Faculty has organized a Free Dispensary Clinic, which is held at 155 New Montgomery street. This clinic is located in the heart of a thickly populated district, where clinical material of every description is extremely abundant. The clinical rooms are large and airy, and provided with every facility for the successful demonstration and treatment of disease.

A full staff of clinicians and assistants has been appointed, and clinics are held daily throughout the year. Cases applying for treatment are classified according to their diseases and assigned to the different clinicians.

During the sessions of the College, every advanced student will have an opportunity to observe and personally attend a large number of cases, under the supervision of the clinical staff.

The advantage of an out-patient clinic lies in the fact that the varieties of cases presented for observation are, to a great extent, those seen in office practice. Combined with hospital work, the Dispensary Clinic forms an invaluable system of practical training for the student.

A fully equipped pathological and bacteriological laboratory is conducted in conjunction with the clinics wherein examinations are made of urine, sputum, abnormal growths, etc., so that the student may obtain simultaneously a view of the pathological and of the clinical aspect of disease processes.

An obstetrical bureau has been established where indigent women may make application for attendance at their own homes during confinement. The clinician in charge of this department will assign cases in rotation to students of the Fourth-Year Class.

OUT-PATIENT DEPARTMENT

REPORT OF THE UNIVERSITY OF CALIFORNIA OUT-PATIENT DEPARTMENT FOR THE YEAR ENDING APRIL 30TH, 1898.

	Total Visits.
Dermatological Clinic.....	2,469
Surgical Clinic.....	3,979
Gynecological Clinic.....	1,593
Genito-Urinary Clinic.....	587
Medical Clinic.....	2,482
Orthopedic Clinic.....	596
Children's Medical Clinic.....	324
Nervous Diseases.....	234
Eye, Ear, Nose, and Throat.....	3,644

Surgical Out-Patient Clinic.

CHIEFS OF CLINIC, PROF. J. M. WILLIAMSON, PROF. J. C. SPENCER.

ASSISTANTS: DR. H. B. A. KUGELER, DR. C. F. PAWLICKI, DR. C. M. ARMISTEAD.

HEAD AND NECK.

Adenitis, Cervical.....	9	Frænum Linguae, Adherent.....	1
Abscess, Alveolar.....	3	Furuncle of Neck.....	8
“ Cervical.....	14	“ Scalp.....	2
“ Face	2	Hæmatoma of Scalp.....	2
Burn of Lip.....	1	Incised Wound of Scalp.....	1
“ Neck.....	1	Infected Wound of Lip.....	2
Carbuncle of Neck.....	4	“ “ Scalp.....	3
Contusion of Face.....	2	Lacerated Wound of Face.....	4
Contused Wound of Scalp.....	10	“ “ Scalp.....	40
Cyst, Sebaceous, of Eyelid.....	1	“ “ Tongue ...	2
Cyst, of Nose.....	1	Lipoma of Forehead.....	1
“ Scalp.....	9	“ Neck.....	1
Epithelioma of Lip.....	1	Necrosis of Inferior Maxilla.....	1
Erysipelas of Face.....	2	Penetrating Wound of Lip.....	1
Fracture of Inferior Maxilla....	3	Phlegmon of Neck	2
“ Skull.....	1	Ulcer of Ear, Rodent.....	1
“ Zygoma.....	1		

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UPPER EXTREMITY.

Abscess of Arm.....	3	Fracture of Ulna.....	3
“ Axilla.....	4	Furuncle of Axilla.....	3
“ Finger.....	3	“ Hand.....	2
“ Hand.....	3	Ganglion of Wrist.....	2
Ankylosis of Elbow-Joint.....	1	Gunshot Wound of Hand.....	3
Burn of Arm.....	3	Incised Wound of Arm and Forearm.....	11
“ Hand.....	4	Incised Wound of Fingers and Hand.....	18
Bursitis of Olecranon	1	Infected Wound of Arm.....	5
Contusion of Arm	3	“ “ of Hand and Fingers.....	18
Contusion of Elbow.....	1	Insect bite of Hand.....	1
“ Hand.....	7	Lacerated Wound of Arm.....	2
“ Shoulder.....	7	“ “ of Hand and Fingers.....	36
Contused Wound of Fingers and Hand.....	22	Paronychia.....	7
Cyst, Suppurating Sebaceous, of Hand.....	1	Periostitis of Radius.....	2
Dermatitis of Forearm.....	2	Phlegmon of Arm	1
Dislocation of Humerus.....	4	“ Hand and Fingers	21
Dog-bite of Hand.....	1	Sprain of Finger.....	2
Dupuytren's Contraction.....	3	“ Shoulder.....	2
Epithelioma of Hand.....	1	“ Thumb.....	2
Erysipelas of Hand.....	1	“ Wrist.....	5
Foreign Body in Hand.....	5	Tenovaginitis of Muscles of Arm	1
Fracture of Clavicle.....	5		
“ Olecranon Process.	1		
“ Phalanges.....	8		
“ Radius	2		
“ Radius (Colle's)... ..	8		
“ Radius and Ulna... ..	1		

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CHEST AND BACK.

Burn of Back	2	Fracture of Scapula.....	1
“ Chest	1	“ Sternum.....	2
Carbuncle of Back	4	Furuncle of Chest	1
Carcinoma of Breast.....	1	Incised Wound of Back	3
Contusion of Ribs	8	Lipoma of Back.....	1
“ “ Back.....	4	Mastitis.....	2
Cyst, Sebaceous, of Back.....	1	Pleurisy.....	1
Fracture of Ribs.....	2	Strain of Back.....	4
			<hr/> 38

ABDOMEN AND PELVIS.

Abscess, Ischio-Rectal.....	3	Hæmorrhoids, Internal.....	2
Fistula in Ano.....	2	Hernia, Inguinal.....	9
Fissure in Ano.....	2	“ Umbilical.....	1
Hæmorrhoids, External.....	7		<hr/> 26

LOWER EXTREMITY.

Abscess of Groin.....	1	Incised Wound, Gluteal Regi'n	3
“ Leg.....	4	“ Leg.....	6
“ Thigh.....	2	“ Thigh	3
Adenitis of Groin.....	7	Ingrown Toe-nail.....	6
Bunion	1	Lacerated Wound of Foot.....	9
Burn of Foot.....	1	“ “ Leg.....	5
“ Leg.....	1	Peritonitis of Tibia, Suppr'tive	3
Bursitis, Prepatellar.....	2	Phlegmon of Foot.....	2
Contusion of Foot.....	4	“ Leg.....	2
“ Hip	1	Sciatica.....	2
“ Knee.....	1	Sprain of Ankle.....	34
“ Leg.....	1	“ Knee.....	2
Contused Wound of Foot.....	10	Synovitis of Knee, Acute.....	4
“ “ Leg.....	7	“ “ Subacute...	4
Cyst, Suppurating Sebaceous,		Ulcer of Leg, Chronic.....	43
of Leg.....	1	“ Foot, Perforating.....	1
Exostosis on Tibia.....	1	“ Thigh, Tubercular....	1
Foreign Body in Buttocks.....	1	Varicose Veins of Leg.....	2
“ “ Toe.....	1		<hr/> 181
Gangrene of Toe.....	1		
Gumma of Leg.....	1		

SUMMARY.

Head and Neck.....	137
Upper Extremity.....	252
Chest and Back.....	38
Abdomen and Pelvis	26
Lower Extremity.....	181
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Genito-Urinary Section of the Surgical Out-Patient Clinic.

CHIEFS OF CLINIC, PROF. J. M. WILLIAMSON, PROF. J. C. SPENCER;
ASSISTANT, DR. C. M. ARMISTEAD.

Albuminuria.....	I	Orchitis.....	12
Balanitis.....	4	Phimosis.....	11
Bubo, Suppurating.....	9	Paraphimosis.....	4
“ Non-Suppurating.....	6	Prepuce, Condylomata of.....	I
Bladder, Atony of.....	I	Prostatic Hypertrophy.....	6
Chancroidal Ulcers.....	15	Prostatitis, Acute.....	I
Cystitis, Acute.....	3	Pyo-Nephrosis.....	I
“ Chronic.....	6	Rheumatism, Gonorrhœal.....	3
Epididymitis.....	7	Scrotum, Incised Wound of.....	I
Frænum, Laceration of.....	I	Spermatorrhœa.....	4
Gonorrhœa, Acute.....	101	Spermatic Cord, Gumma of.....	I
“ Subacute.....	11	Syphilis, Primary.....	21
“ Chronic.....	22	Urethra, Hyperæsthesia of.....	2
“ Recurrent.....	14	“ Stricture of.....	11
Herpes Preputialis.....	4	Urethritis, Simple.....	7
Hydrocele.....	6	Venereal Warts.....	3
Hypochondriasis.....	I	Varicocele.....	5
Masturbation.....	I	Undiagnosed.....	I
Neurasthenia.....	I		
Nocturnal Emissions.....	3		
			312

Medical Out-Patient Clinic.

SECTION I.

CHIEF OF CLINIC, DR. GUIDO E. CAGLIERI.

ASSISTANT, DR. D. E. F. EASTON.

REPORT OF CASES.

Acute Gingivitis.....	I	Pleurisy with Effusion.....	I
Acute Follicular Tonsillitis.....	5	Emphysema.....	3
Ulcerative Tonsillitis.....	I	Chronic Interstitial Nephritis..	2
Gastric Indigestion.....	3	Acute Rheumatism.....	9
Atonic Dyspepsia.....	9	Chronic Rheumatism.....	20
Flatulent Dyspepsia.....	24	Rheumatoid Arthritis.....	7
Acute Gastritis.....	I	Myalgia.....	15
Chronic Gastritis.....	17	Gonorrhœal Arthritis.....	I
Gastralgia.....	6	Lumbago.....	18
Acute Intestinal Indigestion....	5	Sciatica.....	2
Acute Gastro-Enteritis.....	4	Intercostal Neuralgia.....	I
Chronic Intestinal Catarrh.....	2	Brachio-Cephalic Neuralgia.....	I
Intestinal Parasite (Tænia		Hysteria.....	8
Medio-Canellata).....	3	Neurasthenia.....	2
Chronic Constipation.....	17	Insomnia.....	3
Intestinal Colic.....	2	Hemicrania.....	2
Impaction of Fæces.....	I	Ptomaine Poisoning.....	I
Cirrhosis of Liver.....	2	Malarial Infection.....	13
Catarrhal Jaundice.....	I	Chlorosis.....	2
Diabetes.....	2	Ptyalism, Mercurial.....	I
Fatty Heart.....	I	Plumbism.....	2
Hypertrophy of Heart, Nerv's	I	Typhoid Fever.....	I
Valvular Disease of Heart.....	30	Influenza.....	7
Coryza.....	12	Infective Parotitis.....	I
Acute Bronchial Catarrh.....	9	Undiagnosed.....	7
Chronic Bronchial Catarrh.....	15		
Phthisis Pulmonalis.....	19		
Acute Adhesive Pleurisy.....	7		
		Total New Cases.....	303

Medical Out-Patient Clinic,

SECTION 2.

CHIEF OF SECTION, DR. H. C. MOFFITT.

TABULATION OF CASES IN MEDICAL CLINIC FROM AUGUST 17, 1897,
TO APRIL 30, 1898, INCLUSIVE.

SPECIFIC INFECTIOUS DISEASES.

Typhoid	2	Syphilis of Bones.....	1
Pertussis.....	1	Syphilitic Headache.....	1
Influenza.....	2	Tuberculosis, of Spine.....	1
Malaria.....	20	“ Of Lungs & Pleura	30
Syphilis, Cerebro-spinal.....	5	Gonorrhœa.....	2

CONSTITUTIONAL DISEASES.

Acute Articular Rheumatism...	2	Muscular Rheumatism.....	11
Chronic Articular Rheumatism	4	“ Uric Acid Diathesis”.....	1

DISEASES OF DIGESTIVE TRACT.

Acute Pharyngitis.....	5	Enteralgia	1
Follicular Tonsillitis.....	2	Appendicitis.....	1
Acute Gastritis.....	4	Constipation.....	5
Chronic Gastritis.....	6	Enteroptosis.....	2
Motor Insufficiency.....	2	Tænia Mediocanellata.....	3
Cancer of Stomach.....	1	Catarrhal Jaundice.....	2
Neuroses of Stomach.....	8	Cholelithiasis.....	2
Acute Gastro-enteritis.....	2	Alcoholic Cirrhosis of Liver...	4
Acute Catarrhal Enteritis.....	4		

DISEASES OF RESPIRATORY SYSTEM.

Acute Catarrhal Laryngitis.....	1	Emphysema and Chronic Bron-	
Acute Bronchitis.....	21	chitis.....	5
Subacute and Chronic Bron-		Croupous Pneumonia.....	3
chitis.....	16	Abscess of Lung.....	1
Bronchial Asthma.....	4	Pleuritis Sicca.....	1
		Serofibrinous Pleurisy.....	1

DISEASES OF HEART AND VESSELS.

Concretio Pericardium.....	1	Mitral Stenosis and Insuffi-	
Acute Endocarditis.....	1	ciency.....	6
Chronic Valvular Disease—		Chronic Myocarditis (fibrous	
Aortic Insufficiency.....	1	and fatty).....	11
Aortic and Mitral.....	2	Arteriosclerosis	8
Mitral Stenosis.....	1	Aneurism of Aorta.....	1
		Varicose Veins.....	3

DISEASES OF THE BLOOD AND THYROID GLAND.

Chlorosis	5	Exophthalmic Goitre.....	1
Secondary Anæmia.....	6		

DISEASES OF THE KIDNEYS AND BLADDER.

Movable Kidney (cause of symptoms)	1	Chronic Interstitial Nephritis..	4
Chronic Diffuse Nephritis.....	2	Nephrolithiasis.....	1
		Cystitis.....	3

DISEASES OF THE NERVOUS SYSTEM.

Supra-orbital Neuralgia.....	3	Neurasthenia, Sexual	6
Intercostal Neuralgia.....	2	“ Of Climateric....	3
Posthemiplegic Paræsthesia....	1	Neurofibromatosis.....	1
Lumbosacral Neuritis.....	5	Hemiatrophy of Face.....	1
Spina Bifida, Syringomyelia....	1	Hypochondriasis.....	3
Paralysis Agitans.....	1	Melancholia.....	1
Epilepsy.....	2	Trauma of Sphenopalatine	
Migraine (Ophthalmic)	1	Ganglion	1
Hysteria.....	5	Cephalalgia.....	1
Neurasthenia, General.....	13		

INTOXICATIONS.

Chronic Alcohol.....	3	Opium Habit.....	2
Tobacco	3	Chronic Lead.....	1

UNCLASSIFIED.

Insufficient Data, etc.....	47
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Total.....	357
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HERBERT C. MOFFITT.

Diseases of the Skin.—The clinic for diseases of the skin will be utilized as far as possible for the study of pathology. Disease processes which in many other branches of medicine are hidden can be actually seen in a clinic for diseases of the skin. In order to utilize the material to the fullest extent the classes are divided, and Dr. W. G. Hay takes the third-year class and demonstrates diseases of the skin as much as possible from a physiological and anatomical standpoint, while Prof. D. W. Montgomery takes the fourth-year class and lays particular stress on the pathology.

Diseases of the Skin Out-Patient Clinic.

CHIEF OF CLINIC, PROF. DOUGLASS W. MONTGOMERY.

ASSISTANTS, DR. W. G. HAY, DR. T. A. MCCULLOCH, DR. A. B. GROSSE*

Acne.....	8	Pediculosis Pubis.....	1
Alopecia Areata.....	4	Pityriasis Maculata et Circinata.....	2
Cornu Cutaneum.....	1	Pruritus Ani.....	1
Chancroids.....	8	" Senilis.....	3
Dermatitis Medicamentosa.....	2	" Diabetic.....	1
Dermatitis Venenata.....	3	Psoriasis.....	16
Ecthyma.....	3	Puerpera Simplex.....	1
Eczema.....	95	Pyogenic Infection.....	23
Epithelioma.....	14	Rosacea.....	3
Erysipelas.....	1	Scabies.....	19
Erythema Multiforme.....	1	Seborrhœa Congestiva.....	1
Erythema Simplex.....	2	" Oleosa.....	4
Furunculus.....	5	" Sicca.....	5
Herpes Simplex.....	5	Steatoma.....	1
Herpes Zoster.....	2	Sycosis Vulgaris.....	2
Hyperidrosis.....	3	Syphiloderma.....	71
Impetigo.....	1	Tinea Trichophytina, Circinata.....	6
Impetigo Contagiosa.....	10	" " Tonsurans.....	2
Keloid.....	1	" " Sycosis.....	2
Keratosis Pilaris.....	1	Tinea Versicolor.....	6
Lichen Planus.....	1	Urticaria.....	6
Lipoma.....	1	Ulcus Simplex.....	8
Lingua Geographica.....	1	Verruca.....	3
Lupus Erythematosus.....	2	Xanthoma.....	1
Leucoplakia.....	1	Unclassified.....	22
Myxoedema.....	1		
Pediculosis Capillitii.....	13	Total.....	405
" Corporis.....	5		

Ophthalmological, Laryngological, Rhinological and
Otological Clinics.

CHIEF OF CLINICS, PROFESSOR GEO. H. POWERS

ASSISTANTS, DR. GEO. W. MERRITT, DR. HUGH LAGAN.

DISEASES OF EYE.

Conjunctivitis Catarrhalis.....	13	Cataracta, Senilis, Immatura...	2
“ Follicularis.....	18	“ Glaucomatosa	1
“ Phlyctenularis.....	24	Luxatio Lentis.....	3
“ Trachomatous... ..	4	Atrophy of Optic Nerve.....	6
Ophthalmia Neonatorum.....	1	Retinitis, Albuminurica.....	2
Pterygia.....	4	“ Hemorrhagica	3
Keratitis Parenchymatose.....	9	Retinal Detachment.....	1
“ Phlyctenularis	7	Amblyopia, Alcoholic.....	1
Ulcer of Cornea.....	14	Exophthalmos.....	1
Abscess of Cornea.....	6	Astigmatism.....	16
Keratoconus.....	1	Hypermetropia.....	20
Pannus.....	5	Myopia.....	14
Foreign bodies.....	23	Presbyopia.....	8
Leucoma.....	3	Strabismus, Convergens.....	3
Scleritis.....	3	Paresis of Rectus, Superior....	1
Glaucoma, Chronica.....	2	Stenosis of Lachrymal Duct... ..	23
Iritis, Simplex	6	Hordeolum.....	3
“ Chronica.....	10	Blepharospasm.....	1
“ Specifica.....	8	Chalazion.....	3
“ Rheumatica.....	3	Eczema of Lids.....	4
“ Traumatica.....	1	Entropium.....	2
Choroiditis, Chronica.....	5	Ectropium.....	1
“ Disseminata.....	3	Blepharitis, Marginalis.....	18
Staphyloma, Anterior.....	3		
“ Posterior.....	1	Total Number Cases.....	392
Cataracta, Immatura.....	15		

OPERATIONS ON EYE.

Cataract.....	2	Incision, Lachrymal Duct.....	6
Removal Foreign Bodies.....	23	Removal Pterygium.....	4
Actual Cautery Ulcer.....	3	Expression Trachoma Follicles	2
Incision, Hordeolum.....	3	Grattage “ “	20

DISEASES OF NOSE.

Rhinitis, Simplex.....	20	Perforated Septum Nasi.....	3
“ Specifica.....	14	Deflected “ “	5
“ Atrophica Chronica..	19	Enlarged Turbinated.....	13
“ Hypertrophy.....	40		
Polypi Nasi.....	26	Total Number Cases.....	141
Foreign Bodies.....	1		

OPERATIONS ON NOSE.

Removal Foreign Bodies.....	1	Removal Nasal Polypi.....	26
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DISEASES OF EAR.

Eczema Auricle.....	3	Exostosis External Auditory	
Foreign Body.....	15	Meatus	1
Inspissated Cerumen.....	29	Congenital Deafness.....	1
Furunculosis.....	7	Retracted Tympanum.....	20
Aural Polypi.....	4	Perforated Tympanum.....	15
Otitis Externa.....	8		
Otitis Media Catarrhalis.....	42	Total Number Cases.....	151
“ “ Acute.....	14		

OPERATIONS ON EAR.

Removal Foreign Bodies.....	15	Incision Furunculi.....	7
“ Aural Polypi.....	4		

DISEASES OF THROAT.

Pharyngitis Simplex.....	35	Tonsillitis Hypertrophica.....	20
“ Catarrhal.....	3	Laryngitis, Catarrhal.....	17
“ Chronica.....	8	“ Tubercular.....	5
“ Tubercular.....	4	Paralysis of Epiglottis.....	1
“ Sicca.....	20	Paresis of Right Cord.....	2
“ Specifica.....	8	“ Left Cord.....	4
“ Granulosa.....	15	Foreign Body.....	2
Elongated Uvula.....	4	Exophthalmic Goitre.....	1
Bifurated Uvula.....	3		
Tonsillitis Follicular.....	9	Total Number Cases.....	161

OPERATIONS ON THROAT.

Amputation Uvula.....	8	Removal Adenoids.....	80
Tonsillotomy.....	25	“ Foreign Bodies.....	4

DR. ADELINA FEDER, Clinical Clerk.

Gynecological Service—Out-Door Clinic.

May 1st, 1897, to April 30, 1898.

CHIEFS OF CLINIC, PROFESSOR R. BEVERLY COLE AND PROFESSOR
C. A. VON HOFFMANN.

ASSISTANT: DR. J. F. MCCONE.

Number of Visits.....	1593	Number of New Patients.....	307
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CONDITIONS PRESENT.

Pregnancy, Uncomplicated....	12	Endometritis, Hæmorrhagic...	11
“ Complicated by		Subinvolution Uteri.....	1
Excessive Vomit'g	2	Subinvolution After Abortion..	1
“ Vaginitis, Simple	4	“ After Curettage	1
“ Gonorrhœal.....	3	Polyp Uteri.....	1
“ Syphilis, Primary	1	Carcinoma Uteri.....	2
“ Secondary.....	3	Uterine Fibroids.....	5
“ Retroflexion.....	2	Uterine, Retroversion.....	15
“ Myoma Uteri.....	1	“ Retroflexion.....	5
Abortion, Threatened.....	4	“ Antiflexion.....	8
“ Incomplete.....	5	“ Prolapsus.....	3
Urethritis, Gonorrhœal.....	5	“ Retro-Position.....	4
“ Simple.....	1	Salpingitis.....	11
Cystitis, Acute.....	6	Oöphoritis, Acute.....	2
“ Chronic.....	2	“ Chronic.....	5
Incontinence of Urine.....	2	Ovarian Carcinoma.....	1
Vulvitis, Gonorrhœal.....	6	Ovarian Cyst, Dermoid.....	1
“ Pruriginosa.....	2	Ovarian Prolapse.....	5
Eczema Vulvæ.....	1	Pelvic Cellulitis.....	12
Chancroid Vulvæ.....	1	Pelvic Abscess.....	2
Pediculi Vulvæ.....	2	Pelvic Peritonitis.....	7
Scleroderma Vulvæ.....	1	Peritonitis, Septic.....	1
Sarcoma of Clitoris.....	1	Lacerated Perineum, Partial...	12
Acute Inflammation of Bartho-		“ “ Complete	2
lini's Gland.....	2	Hæmorrhoids.....	5

Chronic Inflammation of Bartholini's Gland.....	2	Stricture of the Rectum.....	1
Vaginitis, Simple.....	11	Ischio Rectal Abscess, Acute..	1
“ Gonorrhoeal.....	10	“ “ Chronic.....	2
Vaginismus.....	1	Fistula, Tubercular.....	2
Stenosis of Vagina (after operation)	1	Pyo Nephrosis.....	1
Cystocele	1	Movable Kidney.....	1
Vaginal Epithelioma.....	1	Pendulous Belly	1
Endocervicitis.....	9	Syphilis, Primary.....	2
Lacerated Cervix.....	10	“ Secondary.....	7
Stenosis of Cervical Canal—Congenital	1	Menopause.....	7
Stenosis, After Operations.....	2	Sexual Neuræsthenia.....	1
Cervical Epithelioma.....	2	Morphomania Affecting Menstruation.....	3
Cervical Infiltrating Carcinoma	1	Obesity Affecting Menstruation	4
Endometritis, Simple	24	Chlorosis Affecting Menstruation	4
“ Septic.....	3	Fistula After Alexander's Operation.....	1

Clinic For Diseases of Children—Out-Door Clinic.

CHIEF OF SECTION NO. 1, DR. P. W. NATHAN.

In this Clinic there will be demonstrated by cases, the most important diseases peculiar to children. Each student will have a certain number of cases to examine and treat in the dispensary, and those who desire, will be given the opportunity to visit patients at the bedside. In addition there will be a laboratory course in the chemical analysis of milk, and lectures on infant feeding.

Total Number of Cases..... 149

Ascaris Lumbricoides.....	2	Measles	3
Acute Tracheo-Bronchitis.....	25	Peritonsillar Abscess.....	3
Acute Cap. Bronchitis.....	1	Colitis.....	1
Chronic Bronchitis.....	2	Tubercular Adenitis.....	5
Chlorosis	3	Gastric Indigestion.....	7
Chronic Constipation.....	2	Fæcal Obstruction.....	2
Gastro-Intestinal Catarrh.....	16	Intestinal Indigestion.....	5
Pavor Nocturnus.....	1	Lithiasis Renalis.....	1
Hysteria.....	1	Influenza	1
Whooping Cough.....	27	Acute Articular Rheumatism...	4
Pleuritis.....	2	Pericarditis.....	1
Stomatitis	3	Malaria.....	2
Pulmonary Emphysema.....	2	Colicystitis	4
Rachitis.....	16	Mitral Regurgitation.....	1
Vaginitis.....	3	Enuresis Nocturna.....	3

CHIEF OF SECTION NO. 2, DR. FREDERICK R. STARR.

Dr. Starr will give, each week, a lecture illustrated by cases drawn from the Clinic. In addition to this students will be sent to attend cases at their homes.

Total Number of Cases..... 40

DISEASES.

Diarrhoea.....	3	Typhoid.....	1
Cleft Palate (Ref.).....	1	Malnutrition.....	2
Malaria.....	3	Vaginitis, Gonorrhœal.....	1
Oxyuris Verniculusis.....	2	Hæmpilegia.....	1
Phthisis Pulmonalis.....	2	Otitis Media(Ref.)	1
Mitral Insufficiency.....	1	Diphtheria.....	1
Anæmia.....	3	Rubiola.....	1
Indigestion, Gastric.....	3	Scarlatina.....	1
Indigestion, Intestinal.....	3	Pertussis.....	2
Bronchitis	8		

Neurological Clinic.

LECTURER ON DISEASES OF THE NERVOUS SYSTEM, DR. LEO NEWMARK.

It will be endeavored to present to the student as great a variety as possible of the more familiar forms of nervous disorders. The symptomatology and diagnosis will receive special consideration. The diagnostic and therapeutic application of electricity will be taught by practical methods.

TABULATION OF CASES TREATED IN THE NEUROLOGICAL CLINIC FROM
MAY 1ST, 1897, TO APRIL 30TH, 1898, INCLUSIVE.

Neurasthenia.....	10	Syringo-Myelia.....	1
Hysteria.....	5	Tabes.....	2
Epilepsy	4	Injury to Brachial Plexus.....	1
Cephalalgia.....	1	Tumor Inv. Brachial Plexus...	1
Idiocy.....	1		
Lead Paralysis.....	1	Total Number of Patients	33
Chorea	6		

Orthopedic Surgery.—A series of lectures, illustrated by cases from the orthopedic class of the University clinic, is given during the entire term, one on each Monday, at five o'clock. The course covers practically all the forms of bone tuberculosis, and demonstrates the commoner of the deformities. The arrangement makes it possible to give the class personal instruction in the application of orthopedic apparatus on the patients present, and to drill them in the use of the plaster of Paris bandage.

Orthopedic Clinic.

LECTURER ON ORTHOPEDIC SURGERY, DR. H. M. SHERMAN.

CHIEF OF CLINIC, DR. H. DU R. PHELAN.

ASSISTANT, DR. JOHN J. FLOOD.

Total Number of Clinics.....			134
Total Number of Cases brought forward from previous year.....		35	
Total Number of New Cases.....		75	
Total number of Cases.....		—	110
Total Number of Visits.....			596
Chorea	1	Talipes, Equinus.....	3
Contracture, Traumatic.....	1	“ Varus	1
Dislocation of Hip, Traumatic	1	Torticollis, Rheumatic.....	1
“ “ Congenital	2	Tuberculous Abscess.....	2
Hernia, Inguinal.....	5	“ Osteo-Arth. Knee	2
Pes Planus.....	3	“ “ Hip..	16
Poliomyelitis Paralysis.....	4	“ Osteitis, Femur..	1
Rachitis.....	3	“ Synovitis, Knee..	1
Scoliosis.....	2	“ Tarsus	1
Senile Kyphosis.....	1	Vertebral Tuberculosis.....	18
Spastic Paraplegia.....	1		
Synovitis of Ankle, Simple....	1	Total.....	75
“ Knee, “	4		

LABORATORY OF CLINICAL MICROSCOPY.

During the past year regular courses have been given in clinical microscopy. These have included examination of the blood by latest methods, including Widal reaction, examination of sputum, urine, transudates and exudates, semen, vaginal discharges, milk, and material from throats for diphtheria bacilli.

During the following year the course will be greatly extended so as to include medico-legal examinations of various stains, examination of feces, secretion of mouth, gastric contents and the more recent advances in clinical bacteriology.

The following examinations have been made for the clinicians during the past year:

Complete Chemical and Microscopical Exam'ns Urine	261	Examinations, Urethral Disch.	54
Examinations of Sputum.....	104	“ Vaginal Disch...	40
“ Morbid Gr'wths	63	“ Transudates.....	8
“ Blood.....	59	“ Tapeworms.....	9
Bacteriological Examinations (cultural)	21	Examinations of Hair and Scrapings from Skin.....	17
Examinations of Gastric Cont.	18	Examinations of Milk.....	10
“ Seminal Fluids.	8	Total	681
“ Feces.....	9		

H. A. L. RYFKOGEL, M. D., Director.

MUSEUM.

During the year two large donations have been made to our collection, one from the Academy of Medicine consisting of 120 specimens of various kinds; the other from Dr. W. F. McNutt, consisting of 41 specimens. From other sources 85 specimens have been received.

The classification of these specimens is as follows:

FROM ACADEMY OF MEDICINE.

Bones.....	27	Tapeworms	2
Skulls.....	25	Fœtuses.....	3
Calculi.....	12	Miscellaneous.....	40
Paintings.....	5	Total.....	120
Tumors.....	6		

FROM DR. MC NUTT.

Malignant Growths of Uterus..	10	Miscellaneous.....	16
“ “ Breast ..	8	Total.....	41
“ “ Other Parts	7		

FROM MISCELLANEOUS SOURCES.

Malignant Growths.....	15	Livers.....	3
Fœtuses	5	Spleens.....	3
Amputations.....	5	Dry Preparations.....	11
Kidneys.....	5	Miscellaneous.....	25
Uteri.....	6	Total.....	85
Cysts.....	4		
Aneurisms.....	3		
Grand total for year.....			246

H. A. L. RYFKOGEL, Assistant Curator.

TEXT-BOOKS AND BOOKS OF REFERENCE

- ANATOMY.**—Gray (13th Ed.), Clark and Lockwood's Dissector, Holden, Treves' Applied Anatomy. Reference: Morris, Quain, Weisse, Macalister.
- PHYSIOLOGY.**—Foster, American Text-book of Physiology.
- HISTOLOGY.**—Schaeffer, Stirling, Piersol. Reference: Koelliker, Stoehr, Toldt.
- CHEMISTRY.**—Luff's Manual of Chemistry, Witthaus' Laboratory Manual, Richter's Organic Chemistry. Reference: Remsen's Advanced Inorganic Chemistry, Pellew's Medical and Physical Chemistry.
- PHYSICS**—Daniell's Medical Physics.
- MATERIA MEDICA.**—Butler's Materia Medica, White's Materia Medica, U. S. Dispensatory.
- PATHOLOGY.**—Ziegler (Trans. from 8th German Ed.), Delafield-Prudden, Gibbes. Reference: Birch-Hirschfeld, Klebs.
- THERAPEUTICS.**—Hare, Shoemaker's Materia Medica and Therapeutics. Reference: Bartholow, Brunton, Wood, Ringer, Edes.
- HYGIENE AND MEDICAL JURISPRUDENCE.**—The Students' Hand-book of Forensic Medicine and Medical Police, Husband; Practical Hygiene, Parkes; Manual of Medical Jurisprudence, Taylor.
- PRACTICE OF MEDICINE.**—Osler, Tyson, Wood and Fitz, Lockwood, McNutt. Reference: American System of Practical Medicine, Twentieth Century Practice.
- CLINICAL MEDICINE.**—Da Costa, Flint, Purdy's Practical Urinalysis, Hare's Diagnosis.
- SURGERY.**—Walsham, Ashhurst, Treves' System. Reference: Erichsen and Senn, Park's Surgery by American Authors.
- OBSTETRICS.**—American System of Obstetrics; Practical Obstetrics by Grandin and Jarman; Playfair; Lusk.
- GYNECOLOGY.**—Clinical Gynecology by Keating and Coe; American Text-book of Gynecology.
- NERVOUS DISEASES.**—Gray. Reference: Gowers, Hamilton, Dana, Strumpell.
- MENTAL DISEASES.**—Gray. Reference: Spitzka, Clouston, Maudsley, Bucknall and Tuke.
- OPHTHALMOLOGY.**—Swanzy. Reference: Noyes.
- OTOLOGY.**—Roosa. Reference: Gruber.
- RHINOSCOPY AND LARYNGOLOGY.**—Bosworth. Reference: Burnett's System.
- DISEASES OF THE SKIN.**—Jackson. Reference: Diseases of the Skin, Radcliffe-Crocker.
- PEDIATRICS.**—L. Emmett Holt, Lewis Smith, Goodhardt.
- TOXICOLOGY.**—Blyth on Poisons.
- URINE ANALYSIS.**—The Urine in Health and Disease, Black.
- PRESCRIPTION WRITING.**—Thornton's Manual.
- DICTIONARY, MEDICAL.**—Dunglison.

GRADUATES, 1897-1898.

Henry Abrahm, D. D. S.	Malvina Irma Judell
Cosam Julian Bartlett	Alexander Stanislaus Keenan
William Lisle Bell	Grace Stryker Linforth
Peder Sather Bruguere	Victor Francis Lucchetti, Ph. G.
Edwin Callaway	Joseph Senevy Menetæe
Thomas Joseph Crowley, Ph. G.	Friedrich Charles Müller
George Woodward Dufficy, Ph. G.	Thomas Bryan Roche, Ph. G.
Henry Masten Fine	Frank Joseph Tillman
Edward David Giroux	Oscar Tobriner, D. D. S.
Howard Stephen Hill	Niel Charles Trew

MATRICULANTS, 1897-1898.

FOURTH YEAR CLASS.

Abrahm, Henry, D. D. S.....	San Francisco, California
Bartlett, Cosam Julian.....	Alameda, California
Bell, William Lisle.....	Santa Cruz, California
Bowers, Mary Bird.....	San Francisco, California
Bruguere, Peder Sather.....	San Francisco, California
Callaway, Edwin.....	Midland, Texas
Crowley, Thomas Joseph, Ph. G.....	San Francisco, California
Deckelman, Carlotta Ruth.....	San Francisco, California
Dufficy, George Woodward, Ph. G.....	San Rafael, California
Fine, Henry Masten.....	Oakland, California
Giroux, Edward David.....	Winnemucca, Nevada
Hawkes, Robert Hamilton, Ph. G.....	San Francisco, California
Hill, Howard Stephen.....	Eureka, California
Judell, Malvina Irma.....	Alameda, California
Keenan, Alexander Stanislaus.....	Lakeville, California
Linforth, Grace Stryker.....	San Francisco, California
Lucchetti, Victor Francis, Ph. G.....	San Francisco, California
Menefee, Joseph Senevy.....	Arcata, California
Müller, Friedrich Charles.....	San Francisco, California
Rice, Edward James.....	Oakland, California
Roche, Thomas Bryan, Ph. G.....	San Francisco, California
Shimada, Kaname.....	Japan
Tillman, Frank Joseph.....	San Francisco, California
Tobriner, Oscar, D. D. S.....	San Francisco, California
Trew, Niel Charles.....	Los Angeles, California

THIRD YEAR CLASS.

Arthur, Samuel Richard.....	Stockton, California
Ash, Rachel Leona, B. Sc.....	San Francisco, California
Boskowitz, George Henry.....	San Francisco, California
Caesar, George Matthea, A. B.....	San Rafael, California
Clark, Thomas James.....	Gilroy, California
Colliver, John Adams, A. B.....	San Bernardino, California

Dinkelspiel, Edgar Meyer Wolf, Ph. B.....	San Francisco, California
Ebright, George Elliott.....	Millbrae, California
Emerson, Mark Lewis.....	San Francisco, California
Franklin, Milton Washington.....	San Francisco, California
Gardener, Samuel James.....	San Francisco, California
Gillihan, Allen Francis.....	Berkeley, California
Graham, Harrington Bidwell, B. Sc.....	Chico, California
Henesey, Walter Joseph.....	Sacramento, California
Janss, Herman.....	Los Angeles, California
Lanz, Paul Ruhnke.....	Oakland, California
Laughlin, Hiram Briggs.....	Mark West, California
Legge, Robert Thomas, Ph. G.....	San Francisco, California
Loveland, William Jay, Ph. G.....	San Francisco, California
Millar, Charles Forester.....	Dixon, California
Miyabe, Tadataro.....	Japan
McElroy, Bernard Francis, A. B.....	Oakland, California
Onesti, Silvio Joseph, Ph. G.....	San Francisco, California
Pope, Saxton Temple.....	Angel Island, California
Powell, Jesse Ransom.....	Healdsburg, California
Redington, Vida, B. Sc.....	Oakland, California
Stevens, William Emerson.....	San Francisco, California
Stevenson, George Lawrence, A. B.....	Pittsburg, Pennsylvania
Taylor, James Edward, B. Sc.....	Weaverville, California
Weyer, Gustavus Adolphus, D. D. S.....	Modesto, California
Wightman, Emma.....	San Francisco, California
Willard, William Patten.....	Oakland, California

SECOND YEAR CLASS.

Alderson, Henry Everett.....	San Francisco, California
Allen, Anna Matilda, B. Sc.....	Palo Alto, California
Arthur, Edgar Allen.....	Stockton, California
Bacigalupi, David Eugene.....	San Francisco, California
Brady, Kate Isabel, A. B.....	San Francisco, California
Dorn, Arthur Lemuel.....	San Francisco, California
Dorn, Dora Ida.....	San Francisco, California
Doychert, Ernestine May.....	San Francisco, California
Fernandez, Manuel.....	Pinole, California
Guatteli, Antonio Angelo.....	San Mateo, California
Harvey, William.....	San Francisco, California
Holland, Alexander Felix.....	San Francisco, California
Irones, Rutherford Buchard.....	San Francisco, California
Joyce, Elizabeth Frances.....	San Francisco, California
Keating, Alfred Edwin.....	Haywards, California
Klotz, Bernard John.....	Vallejo, California
Langdon, Samuel Walter Ross, A. B.....	Stockton, California
Larson, Julia Pauline.....	Council Bluffs, Iowa
Maguire, Thomas Michael, A. B.....	San Francisco, California
Martin, Jean Marion.....	San Francisco, California
Moore, William George.....	Healdsburg, California

Morong, Frederic Lincoln.....	San Francisco, California
McChesney, George Jewell, A. B.....	Oakland, California
McGuire, William Garrett.....	Sacramento, California
McIntosh, Arthur Merrill.....	Lovelock, Nevada
McNutt, William Fletcher, B. Sc.....	San Francisco, California
Nolan, Mary Elizabeth.....	Oakland, California
Opswig, Peter, A. B.....	San Francisco, California
Parkhurst, Parson Hoag.....	Berkeley, California
Porterfield, James Percy.....	San Francisco, California
Pratt, Mathew Dennis.....	Napa, California
Putman, Frank L.....	Colusa, California
Reinhardt, George Frederick, B. C.....	Berkeley, California
Saph, Louis Victor, B. L.....	Berkeley, California
Silverberg, Malville, A. B.....	San Francisco, California
Simpson, Frank William.....	Berkeley, California
Soracco, Peter John.....	Jackson, California
Sullivan, John Francis, B. Sc.....	San Francisco, California
Sweeney, George Joseph.....	Petaluma, California
Vassault, Theodora Elliott.....	San Francisco, California
Watts, Herbert Charles.....	San Francisco, California
Wemple, Emmet Leroy.....	San Francisco, California
White, John Lysander.....	Sacramento, California
Wilder, Edwin Milton, B. L.....	Oakland, California

FIRST YEAR CLASS.

Bride, James Charles.....	San Francisco, California
Brock, Alfred Tascott.....	Oakland, California
Brown, David William.....	Clements, California
Conlin, James Warren.....	San Francisco, California
Deininger, Marguerite.....	Alameda, California
Dresser, Ralph Orlando.....	Paso Robles, California
Foley, Thomas Joseph.....	San Francisco, California
Halton, Mary.....	Alameda, California
Kane, Francis Bailey.....	San Francisco, California
Kavanaugh, Mary Frances.....	Vallejo, California
Leimbach, John Herbert.....	Sacramento, California
Leonard, John Vaughan.....	San Francisco, California
Lindsay, William Kinkade.....	Sacramento, California
Meyer, John Hermann.....	San Bernardino, California
Murphy, William James.....	Vallejo, California
O'Donnell, Joseph Martin, A. B.....	Hollister, California
Piper, Harry Elwin.....	Santa Cruz, California
Pratt, Marion Willard.....	Willows, California
Rosenberg, Carrie.....	San Francisco, California
Seawell, James Walter.....	Healdsburg, California
Smith, Thomas Allen.....	Berkeley, California
Toner, Joseph Michael.....	San Francisco, California
Wood, George Martin.....	Meridian, California

SPECIAL STUDENTS.

Hill, Reuben Chandler.....	Berkeley, California
Sargentich, Spiro, Ph. B.....	Berkeley, California

COMPLETE LIST OF GRADUATES.

[Notices of Changes of Address should be sent to the Dean.]

Abraham, Henry, D. D. S.....	San Francisco, California.....	1898
Addington, D. M.....	Bartlett Springs, California.....	1879
Adelung, Edw. von, Jr., B. S.....	Oakland, California.....	1892
Aird, John W.....	Heber, Utah.....	1893
Alexander, Monrove E.....	Seattle, Wash.....	1888
Allen, Clifford E.....	Bangor, California.....	1896
Allen, Edward O.....	New York, New York.....	1875
Anderson, Helen O.....	San Francisco, California.....	1896
Anderson, J. A.....	San Francisco, California.....	1873
Anderson, Winslow.....	San Francisco, California.....	1884
Armistead, Cecil M.....	San Francisco, California.....	1896
Armistead, Howell V.....	Newman, California.....	1885
Bacigalupi, Louis D.....	San Francisco, California.....	1896
Badilla, Jose Crisanto.....	San Francisco, California.....	1895
Baker, Henry A.....	San Francisco, California.....	1891
Baldwin, Robert O.....	Oakland, California.....	1885
Barbat, John H., Ph. G.....	San Francisco, California.....	1888
Barbat, William B. F.....	San Francisco, California.....	1895
Barber, Edward T.....	Lancaster, California.....	1866
Bartlett, Cosam Julian.....	Alameda, California.....	1898
Bates, Charles B.....	Santa Barbara, California.....	1868
Bates, Walter E.....	Davisville, California.....	1881
Beardsley, E. M.....	San Francisco, California.....	1881
Beaumeister, B. H.....	San Francisco, California.....	1882
Beck, Henry M.....	Stockton, California.....	1896
Beede, Wm. M. S.....	Hong Kong, China.....	1884
Bell, William Lisle.....	U. S. Navy.....	1898
*Benedict, C. W.....	.....	1875
Berndt, Richard M. H.....	San Francisco, California.....	1893
*Bettleheim, A. F.....	.....	1880
Biggs, F. P.....	Valparaiso.....	1874
Biggs, M. H.....	Lima, Peru.....	1870
*Blake, Chas. M.....	.....	1876
Blake, Charles R.....	San Francisco, California.....	1891
*Blake, James W.....	.....	1874
Blum, Sanford.....	Europe.....	1896
Bond, Fred. T., Ph. G.....	San Francisco, California.....	1890
Booth, John Richard.....	Victor, Colorado.....	1894
Borchers, Bertha, B. L.....	Oakland, California.....	1897
Bordé, Henry J.....	Cambria, California.....	1883
Botsford, Mary E.....	San Francisco, California.....	1896
Boyes, Wm. J. R.....	San Francisco, California.....	1896
Bradbury, George F.....	San Francisco, California.....	1878
Brannan, J. J.....	Healdsburg, California.....	1876
Brierly, Conant B.....	Boise City, Idaho.....	1876
Bromly, R. L.....	Sonora, California.....	1882
Broughton, Geo. A.....	San Francisco, California.....	1896
Brown, Ernest S.....	San Francisco, California.....	1886
Brown, Geo. J.....	Fort Bragg, California.....	1876
Browne, Augustus F.....	San Mateo, California.....	1895
Bruguiere, Peder Sather.....	San Francisco, California.....	1898
Bruns, W. C.....	Portland, Oregon.....	1878
Buckley, Vincent P.....	San Francisco, California.....	1884

* Deceased.

Bunker, Robert E.....	San Francisco, California.....	1889
Bunnell, Edwin, A. B.....	San Francisco, California.....	1894
Burchard, L. S.....	Oakland, California.....	1882
Burnham, Clark J.....	San Francisco, California.....	1891
Burnham, William P.....	San Francisco, California.....	1896
Busseuius, Lillian M. (D'Ancona)....	San Francisco, California.....	1892
Cadwallader, Rawlins, A. M.....	Fall River Mills, California.....	1893
Caglieri, Guido E., B. S.....	San Francisco, California.....	1892
Cairns, John C.....	San Francisco, California.....	1876
Calbreath, John F.....	Weston, Virginia.....	1875
*Caldwell, H. H.....	.....	1880
Caldwell, Robert.....	San Jose, California.....	1869
Callaghan, D. T.....	San Francisco, California.....	1873
Callaway, Edwin.....	San Francisco, California.....	1898
Cameron, Howard McD.....	San Francisco, California.....	1896
Cameron, James S.....	Red Bluff, California.....	1868
Chace, Wm. D'A.....	Alameda, California.....	1896
*Chaigneau, V. A.....	.....	1876
Churchill, Leonard.....	San Francisco, California.....	1871
Chalmers, Wm. P.....	San Francisco, California.....	1886
Clark, George Waverley.....	San Francisco, California.....	1894
Clark, J. J.....	San Francisco, California.....	1869
Clark, Wm. D.....	San Francisco, California.....	1884
Cleary, Stephen, Ph. G.....	San Diego, California.....	1894
Clinton, C. A.....	San Francisco, California.....	1881
Cluness, Wm. R., Jr.....	San Francisco, California.....	1887
Cochran, W. A.....	San Francisco, California.....	1869
Coe, Leonard H.....	Tulare, California.....	1896
Collins, Addison C.....	Golden Gate, California.....	1885
Collischonn, Philip.....	San Francisco, California.....	1891
Conlan, Wm. H.....	San Francisco, California.....	1886
*Connolly, John J.....	.....	1878
Connolly, Thos. E.....	San Francisco, California.....	1884
Conrad, David A.....	Europe.....	1893
Cook, Frank S.....	San Francisco, California.....	1887
*Corbett, S. J.....	.....	1863
Cothran, A. Lincoln.....	San Jose, California.....	1893
Cox, Rosamond L.....	San Francisco, California.....	1888
Cox, Thomas F.....	Sacramento, California.....	1896
*Cox, Thos. H.....	.....	1873
Crees, Robert.....	Byron Springs, California.....	1894
Crook, Emma (McKay).....	San Francisco, California.....	1892
Crowley, Thomas J., Ph. G.....	San Francisco, California.....	1898
Curl, Holton C.....	Oakland, California.....	1897
Curran, Mary K (Brandegee).....	San Francisco, California.....	1878
Damour, Ferdinand.....	Bolckow, Missouri.....	1864
D'Ancona, Arnold A., A. B.....	San Francisco, California.....	1884
Davidson, Joseph R.....	San Francisco, California.....	1875
Davie, J. C., Jr.....	Victoria, Vancouver's Island.....	1864
*Dawson, Alson.....	.....	1875
Day, John G.....	San Francisco, California.....	1884
Dean, Andrew J.....	Haywards, California.....	1881
Delmont, Francis.....	San Francisco, California.....	1874
*Dennis, Nathan P.....	.....	1888
DePuy, Auson A.....	Crescent City, California.....	1881
DePuy, Edward Spence.....	San Francisco, California.....	1894
Dickerson, Clarence Fitzhugh.....	San Francisco, California.....	1894
Dodge, H. Washington.....	San Francisco, California.....	1884

* Deceased.

*Downs, George W.....	1879
Drinkhouse, E. J. C.....	San Francisco, California.....1865
Driscoll, Edward P., Ph. G.....	San Francisco, California.....1891
*Dubois, A. L.....	1864
Dudley, Frank W.....	San Francisco, California.....1895
Dufficy, Geo. W.....	San Francisco, California.....1898
Dunbar, Arthur W.....	U. S. Navy.....1891
*Duncan, S. C.....	1877
Dunn, James P. H., S. B.....	Oakland, California.....1888
Dunn, William D., B. Sc.....	Oakland, California.....1897
Easton, Daniel E. F.....	San Francisco, California.....1895
Emerson, Horatio B., Ph. G.....	Mountain View, California.....1895
*Enright, Chas. M., A. B.....	1884
Eppinger, Rose (Sharp).....	San Francisco, California.....1895
Estes, Melvin B.....	Anderson, California.....1888
Evans, C. W.....	Modesto, California.....1881
Falck, Millicent E.....	San Francisco, California.....1893
Feder, Adelina M.....	San Francisco, California.....1895
Feder, Grace.....	San Francisco, California.....1896
Felt, Rae.....	Eureka, California.....1890
Fenn, C. N.....	San Diego, California.....1865
Fine, Andrew.....	Oakland, California.....1866
Fine, Henry M.....	Oakland, California.....1898
Fitzgibbon, Frank Timothy.....	San Francisco, California.....1894
Fleming, Bartholomew F.....	San Francisco, California.....1893
Fletcher, Frederick C. G.....	San Francisco, California.....1893
Flood, John J.....	San Francisco, California.....1895
*Foote, Gilbert.....	1879
Ford, Campbell.....	San Francisco, California.....1891
Foreman, Francesca I.....	San Francisco, California.....1889
Fottrell, Michael J.....	San Francisco, California.....1887
*Foulkes, J. F., Jr.....	1880
Fraser, S. J., A. B.....	San Francisco, California.....1892
Freeman, Charles Henry.....	Angels, California.....1894
Freeman, Ernest M., A. B.....	Honcut, California.....1893
Frick, Euclid B.....	U. S. Army.....1888
Frost, James.....	San Francisco, California.....1877
Gale, Herbert A.....	San Francisco, California.....1879
Gall, Alexander M.....	Jackson, California.....1893
Gallwey, John.....	San Francisco, California.....1885
Gates, Frank H.....	Pacific Mail S. S. "Belgic".....1884
Giannini, Atilio H., A. B.....	San Francisco, California.....1896
Gilham, G. W.....	Oakland, Oregon.....1881
Giroux, Edward D.....	San Francisco, California.....1898
Glaze, George L.....	New York, New York.....1887
Gleaves, Christopher C.....	U. S. S. "Bear".....1889
Glover, Cosmos A.....	San Francisco, California.....1893
Grattan, E. L.....	San Francisco, California.....1881
Gray, Robt. F., D. D. S.....	San Francisco, California.....1895
Greth, August.....	San Francisco, California.....1894
Gros, Edward.....	San Francisco, California.....1865
Guilemard, A. J.....	1878
Hackett, John.....	1869
Haile, C. S.....	Alameda, California.....1867
Hampton, James E.....	1871
Handy, J. C.....	1864
Hansen, Thomas C.....	San Francisco, California.....1867
Happersberger, Albert K., A. B.....	San Francisco, California.....1888

Harmon, R.....	Oakland, California.....	1879
Harrigan, Jos. T.....	San Francisco, California.....	1896
Harris, Thomas W.....	Russelville, Indiana.....	1875
Haskins, Wm. H.....	New York, New York.....	1889
Hawkins, Wm. J.....	San Francisco, California.....	1890
Hay, Wm. G.....	San Francisco, California.....	1895
Heavitt, Granville.....	San Francisco, California.....	1866
Heinemann, J. M.....	East Oakland, California.....	1877
Heller, Clarence L.....	Europe.....	1895
Helms, George L.....	San Francisco, California.....	1895
Hickey, Thomas A.....	San Francisco, California.....	1897
*Hicks, Young E.....	.....	1874
Hill, Edward John.....	Alaska.....	1894
Hill, Howard S.....	Livermore, California.....	1898
*Hodgdon, W. H. A.....	.....	1876
Holmes, Edw. R.....	Paia Maiu, H. I.....	1889
Holmes, Thomas Blakeney.....	Reno, Nevada.....	1894
*Hook, Walter E.....	.....	1879
Hopkins, Edw. K.....	Ross Valley, California.....	1895
Hopkins, T. P.....	Potter Valley, California.....	1880
Horton, E. Shelton.....	Australia.....	1893
Howard, Katherine L.....	San Francisco, California.....	1885
Howard, Wm. D.....	Modesto, California.....	1887
Howell, H. H.....	Bishop Creek, California.....	1879
Hughes, Jerome A.....	San Francisco, California.....	1883
*Hughes, L. J.....	.....	1879
Hull, James P.....	Woodland, California.....	1895
Hulse, Clarence H.....	Sayville, New York.....	1893
Hunkin, Sam. J.....	San Francisco, California.....	1890
Huntington, Samuel D., B. A.....	San Francisco, California.....	1897
Hyde, George E.....	San Francisco, California.....	1895
Johnstone, A.....	Brooklyn, New York.....	1879
Johnstone, Ernest K.....	San Francisco, California.....	1892
Jones, Ottiwell W.....	San Francisco, California.....	1889
Josephi, Simon E.....	East Portland, Oregon.....	1877
Judell, Malvina L.....	San Francisco, California.....	1898
Katsuki, Ichitaro.....	San Francisco, California.....	1896
Kawakami, Masayasu.....	Japan.....	1889
Keane, George B.....	San Francisco, California.....	1875
Keenan, Alex. S.....	San Francisco, California.....	1898
Kellogg, Wilfred H., Ph. G.....	Palo Alto, California.....	1896
Kearney, Jas. F.....	San Francisco, California.....	1896
Kelly, John L.....	Lewiston, Idaho.....	1884
Kingsley, Thomas H.....	Lower Lake, California.....	1886
*Kirby, William T.....	.....	1891
Kirchhoffer, Frederick.....	San Francisco, California.....	1887
*Kirkpatrick, C. A.....	.....	1871
Kirkwood, J. W.....	Salem, Oregon.....	1876
Kobayashi, Sankio.....	Japan.....	1887
Kosbue, A. Emil.....	Yuba City, California.....	1875
Kugeler, Henry B. A.....	San Francisco, California.....	1890
Kurtz, Joseph.....	Los Angeles, California.....	1875
Lagan, Edward.....	Petaluma, California.....	1891
Lagan, Hugh.....	San Francisco, California.....	1893
Lartigan, August L. J.....	New York, New York.....	1896
Laidlaw, Horace.....	San Francisco, California.....	1880
Lee, Arthur S.....	San Francisco, California.....	1896
LeFevre, J. P.....	San Francisco, California.....	1881

Leland, Thomas B. W.....	San Francisco, California.....	1894
*Lewitt, F. A.....		1878
*Lindenberger, W. H.....		1876
Linforth, Grace S.....	Pescador, California.....	1898
Lingo, Marin B.....	Salem, Oregon.....	1866
Lonigo, Emil F.....	Jackson, California.....	1883
Lord, Franklin F.....	San Francisco, California.....	1880
Lovett, Wm. B.....	Paradise, California.....	1883
Lowe, Fred. W.....	Knight's Ferry, California.....	1892
Lucchetti, Victor F., Ph. G.....	San Francisco, California.....	1898
*Lundborg, Gustaf W.....		1883
Lustig, Daniel D., Ph. G.....	San Francisco, California.....	1885
Lutz, Frederick A.....	San Francisco, California.....	1895
*Lyford, L. Dexter.....		1872
MacCallum, Hammond J.....	San Francisco, California.....	1895
Macdonald, James M.....	San Francisco, California.....	1891
MacInnis, Martin B.....	San Francisco, California.....	1894
Mackenzie, J. H.....	Edinburgh, Scotland.....	1870
Maguire, Charles S, B. S.....	San Francisco, California.....	1893
Maher, Thos. D., B. Sc.....	San Francisco, California.....	1886
Maloon, Clarence La F., B. Sc.....	Elmhurst, California.....	1896
Mann, Chas. S.....	San Francisco, California.....	1890
Martineaut, E. D.....	San Francisco, California.....	1873
*Martinez, John M.....		1890
Marx, Frances R (Greene).....	Europe.....	1889
Mason, Benjamin F.....	San Leandro, California.....	1875
Mather, Squire R.....	Cambria, California.....	1889
Matthewson, J. M.....	Oakland, California.....	1882
Mayer, Oscar J., Ph. G.....	San Francisco, California.....	1889
Mays, Arthur H.....	Sausalito, California.....	1887
Mays, William H.....	San Francisco, California.....	1873
McCarthy, Charles F.....	Paris, France.....	1893
McColl, G. F.....	East Portland, Oregon.....	1877
McCone, Jas. F., B. S.....	San Francisco, California.....	1892
McCormack, Herbert F., A. B.....	Eugene, Oregon.....	1876
McCoy, Juan W.....	San Francisco, California.....	1884
McCulloch, Thomas A.....	San Francisco, California.....	1895
McCullough, Frank E.....	Oakland, California.....	1894
McDermott, Wm. P.....	San Francisco, California.....	1874
McDonald, J. J.....	La Grande, Oregon.....	1877
McGettigan, Chas. D., A. B.....	San Francisco, California.....	1896
*McGuire, Lucius.....		1868
McKnight, Nellie M.....	Bishop, California.....	1894
McLaughlin, M. A.....	San Francisco, California.....	1878
McLaughlin, Alfred.....	San Francisco, California.....	1896
*McLean, John T.....		1887
McLean, Murdoch.....	San Francisco, California.....	1897
McLean, Robert A.....	San Francisco, California.....	1874
McMahon, Frank A.....	San Francisco, California.....	1897
McMurdo, John R., Ph. G.....	San Francisco, California.....	1891
Menefee, Joseph S.....	Arcata, California.....	1898
Mervy, Emile C.....	San Francisco, California.....	1883
Merritt, G. W.....	San Francisco, California.....	1882
Meyer, Albert G.....	San Francisco, California.....	1890
Meyers, R. C.....	San Francisco, California.....	1880
Miller, Chas. F.....	Ventura, California.....	1874
Miller, John A.....	San Francisco, California.....	1875
Milton, Joseph L.....	Oakland, California.....	1891

Minor, John F.....	San Mateo, California.....	1876
Mohun, Chas. C., Ph. G.....	San Francisco, California.....	1890
Moloney, James John, Ph. G.....	San Francisco, California.....	1891
Moody, Mary W.....	San Francisco, California.....	1882
Morgan, Charles L., A. B., Ph. G.....	San Francisco, California.....	1896
Morgan, F. F.....	Santa Cruz, California.....	1881
Morrill, Augustus L.....	Colima, Mexico.....	1887
Morrisey, Joseph Grant.....	San Francisco, California.....	1894
Morrison, Mary E.....	San Francisco, California.....	1894
Morrow, Howard.....	San Francisco, California.....	1896
Morse, Fred. W.....	Oakland, California.....	1891
*Muentner, Henry.....		1882
Muller, H. E.....	Oakland, California.....	1880
Müller, Friedrich C.....	San Francisco, California.....	1898
Murphy, James D.....	San Francisco, California.....	1896
Muscott, Brayton.....	San Bernardino, California.....	1896
Nast, J. E.....	Oakland, California.....	1895
Nelson, John A.....	Sacramento, California.....	1892
Newman, Alfred, A. B.....	Europe.....	1896
*Newmark, Valentine.....		1868
Nichols, Theodore A.....	Mission San Jose, California.....	1885
Noble, John A.....	San Francisco, California.....	1888
Noble, Mary L.....	San Francisco, California.....	1896
Nottage, George E.....	Portland, Oregon.....	1874
Nuttall, George H. F.....	Berlin, Germany.....	1884
O'Brien, Aloysius P.....	San Francisco, California.....	1889
O'Brien John Henry.....	Stockton, California.....	1896
O'Brien, John Thomas.....	San Francisco, California.....	1896
Ogdon, Geo. W.....	Sacramento, California.....	1892
Oldenbourg, Louise A.....	San Francisco, California.....	1897
Olds, Wm. H.....	Sprague, Wash.....	1881
Oliver, Joseph A.....	San Francisco, California.....	1889
Olsen, Marie C. (Sommerfeldt).....	Baltimore, Maryland.....	1891
O'Malley, Wm. H. L.....	San Francisco, California.....	1896
*O'Neill, A. A.....		1867
*O'Neill, J. C.....		1873
Orr, Robert H.....	San Francisco, California.....	1896
Osler, Chas.....	Oakdale, California.....	1878
*Oviedo, Louis P., A. B.....		1891
Painter, Geo. L., Ph. G.....	San Francisco, California.....	1896
Park, Theorilda C.....	San Francisco, California.....	1887
Parkman, Wallace E.....	San Francisco, California.....	1896
Partsch, Herman.....	San Francisco, California.....	1884
Paton, Chas. J.....	San Francisco, California.....	1883
Patterson, T. J.....	Visalia, California.....	1882
Pawlicki, Casimir F., B. Sc.....	San Francisco, California.....	1894
Payne, J. R.....	San Diego, California.....	1882
Perrault, Edward L.....	San Francisco, California.....	1885
Pescia, Joseph.....	San Francisco, California.....	1877
Petrie, Frank B., Ph. G.....	San Francisco, California.....	1891
Phelan, Henry du R.....	San Francisco, California.....	1893
Plant, Benj. A.....	Santa Cruz, California.....	1886
Plummer, Richard H.....	San Francisco, California.....	1866
Pond, Gardner P.....	Alaska.....	1895
Pond, Henry M.....	Europe.....	1880
Pond, M. B.....	Napa, California.....	1864
Pope, Horace E.....	Detroit, Michigan.....	1876
Powell, J. M.....	Mammoth, Oregon.....	1876
Pressley, J. B.....	Sanger, California.....	1882

Prevost, J. Renny.....	1866
Pruett, J. A.....	1878
Putnam, Victor E.....	San Leandro, California.....1896
*Quinlan, Albert P.....	1876
Rantz, Stephen H.....	Placerville, California.....1893
Rathbun, Geo. T.....	College City, California.....1892
Reardon, T. B.....	Oroville, California.....1882
*Reardon, Wm. E.....	1887
Reed, Clarence E.....	Petaluma, California.....1883
*Reich, George A.....	1877
Reith, Fenelon M.....	Sacramento, California.....1894
Reynolds, George E.....	Los Angeles, California.....1877
Richardson, J. A.....	Salem, Oregon.....1866
Riley, J. S.....	Port Costa, California.....1883
Rinne, Frederick A.....	San Francisco, California.....1895
Robertson, John W.....	Livermore, California.....1880
*Robinson, Luke.....	1867
Roche, Thos. B., Ph. G.....	San Francisco, California.....1898
Rochex, Joseph.....	San Francisco, California.....1896
Root, Corydon B., D. D. S.....	San Francisco, California.....1894
Rorke, James.....	San Francisco, California.....1876
Rucker, H. N.....	Oakland, California.....1870
*Rupe, Samuel H.....	1868
Ryer, Marshall B.....	San Francisco, California.....1896
Ryfkogel, Henry A. L.....	San Francisco, California.....1894
Sabey, L. A.....	Mexico.....1880
Sage, H. T.....	San Francisco, California.....1878
Sanborn, Franklin H.....	Fort Bragg, California.....1892
Sanborn, Wtlliam K., Ph. G.....	Oakland, California.....1893
Sankey, Mary J.....	San Francisco, California.....1895
Sawyer, H. C.....	San Francisco, California.....1881
Schmels, Charles J., Ph. G.....	San Francisco, California.....1895
Schnabel, Martin.....	Newcastle, California.....1873
Scholl, Albert J.....	Los Angeles, California.....1890
Scholl, Albert L., Ph. G.....	San Francisco, California.....1884
Schrader, Sydney H.....	Sydney, N. S. W.....1883
Scott, Arthur W.....	Alameda, California.....1879
Scott, Florence.....	San Francisco, California.....1896
Seavey, L. T.....	Port Townsend, Washington.....1878
Seawell, John I.....	Healdsburg, California.....1870
Seawell, Thomas H.....	Healdsburg, California.....1876
Selling Nathalie.....	San Francisco, California.....1894
*Sellon, Anna F.....	1881
*Senter, Elizabeth S.....	1882
Shannon, James.....	Seattle, Washington.....1887
Sharp, James Graham, D. D. S.....	San Francisco, California.....1894
Sheets, John H.....	Buckley, Washington.....1881
Shellhouse, E. J.....	Sinaloa, Mexico.....1875
Shelton, Thomas W.....	Salem, Oregon.....1867
Sherman, Elenora S. (Yelland).....	Los Gatos, California.....1884
Shuey, Sarah I.....	Oakland, California.....1878
Sichel, Gust. W.....	San Francisco, California.....1876
Sime, Neil A.....	Wisconsin.....1894
Simon, Grace.....	San Francisco, California.....1893
Simon, Jules A.....	San Francisco, California.....1875
*Sims, John Marion.....	1891
Smith, George S.....	Half Moon Bay, California.....1879
Smith, Harvey F.....	Wisconsin.....1894

Smith, T. H.....	Westport, California.....	1876
Smith, Weston O.....	Alameda, California.....	1891
Smith, Wm. P.....	Salem, Oregon.....	1875
Soboslay, Julius.....	San Francisco, California.....	1886
Sparkes, Agnes.....	San Francisco, California.....	1879
Spring, Charlotte B.....	San Francisco, California.....	1890
Stafford, John T.....	San Francisco, California.....	1896
*Stanton, James.....	.....	1882
Steely, John.....	Kirbyville, Oregon.....	1875
Stern, Arthur A., Ph. G.....	San Francisco, California.....	1896
Stevenson, J. R.....	Redding, California.....	1877
*Stewart, J. M.....	.....	1882
Stewart, Mary J.....	Cayucos, California.....	1896
Stirewalt, Henry W.....	Alaska.....	1894
*Stivers, C. A.....	.....	1864
Stone, Bertram.....	Crescent City, California.....	1895
Stone, Mack V.....	San Francisco, California.....	1896
Stover, Wm. M.....	Gonzales, California.....	1896
Stow, Eleanor M.....	San Francisco, California.....	1896
*Summers, G. M.....	.....	1876
Summers, John F.....	Selma, California.....	1878
Surryhne, Benj. F.....	Modesto, California.....	1890
Sutherland, Robert L.....	Cripple Creek, Colorado.....	1892
Sutro, Emma L. (Merritt).....	San Francisco, California.....	1881
Swann, Charles M.....	San Francisco, California.....	1875
Swisher, J. R.....	Healdsburg, California.....	1877
Tartar, A. P.....	Tehama, California.....	1882
Taylor, Edward R.....	San Francisco, California.....	1865
Terry, Wallace I., B. S.....	Sacramento, California.....	1892
Tevis, Henry L.....	San Francisco, California.....	1887
Thompson, James Goodwin.....	Oakdale, California.....	1894
Thorpe, Lewis S.....	Los Angeles, California.....	1896
Thrasher, Marion.....	San Francisco, California.....	1890
Tiffany, Edward V.....	Plymouth, California.....	1894
Tillman, Frank J.....	San Francisco, California.....	1898
Tobriner, Oscar, D. D. S.....	San Francisco, California.....	1898
*Toland, Charles A.....	.....	1869
Trafton, William A.....	Willows, California.....	1895
Trask, Henry C., Ph. G.....	San Francisco, California.....	1896
Trevino, Alberto.....	Santa Ana, Mexico.....	1896
Trew, Niel C.....	Los Angeles, California.....	1898
Tuggle, Samuel P.....	San Francisco, California.....	1889
*Turner, J. T.....	.....	1869
Tuttle, H. P.....	Tacoma, Washington.....	1869
Urban, Kurt.....	Tomales, California.....	1883
Villain, Albert J., Ph. G.....	Redwood City, California.....	1895
Voigt, W. C.....	Stillwater, Minnesota.....	1879
Von Buelow, F.....	Redding, California.....	1877
Wade, Mark S.....	British Columbia.....	1889
Waller, Newton B.....	Europe.....	1896
Walz, G.....	San Francisco, California.....	1868
Wanzer, L. M. F.....	San Francisco, California.....	1876
Warner, James Kyle.....	Livermore, California.....	1891
Watanabe, Tey.....	Japan.....	1887
*Waters, John W.....	.....	1874
Wayson, James T.....	Honolulu, H. I.....	1891
Webber, J. S.....	Sierra County, California.....	1869
*Weeks, F. L.....	.....	1864

Weiss, E. M.....	San Francisco, California.....	1877
Welch, W. P.....	San Francisco, California.....	1864
Wheaton, S. P.....	Oakland, California.....	1877
White, James T.....	Seattle, Washington.....	1888
*Whittell, A. P.....	.....	1873
Wickman, Wm. J.....	San Rafael, California.....	1883
Widney, J. P.....	Los Angeles, California.....	1867
Wilcox, Wilber J.....	Oakland, California.....	1885
Wilkes, Farrington.....	West Berkeley, California.....	1894
Williams, Robert B.....	Hilo, H. I.....	1887
Williamson, John M.....	San Francisco, California.....	1885
Williamson, W. T.....	East Portland, Oregon.....	1877
Wilson, Kemlo R. McD.....	Scotland.....	1886
Winton, Henry N.....	San Francisco, California.....	1885
Woods, W. E. Josephine.....	Belgium.....	1885
*Wooster, David.....	.....	1885
Wright, Henry E.....	Bishop, California.....	1894
Young, Junius D.....	Stockton, California.....	1881
Younger, Alex. J.....	San Francisco, California.....	1869
Younger, Edward A.....	San Francisco, California.....	1879
*Zeyn, Gustav C.....	.....	1889
Total.....		481

THE ALUMNI ASSOCIATION

The Alumni Association of the Medical Department of the University of California now includes in its membership most of the graduates of the institution, and the officers for the ensuing year take pleasure in announcing a prosperous outlook for the Association.

The objects of the Society are the promotion of the prosperity of our *Alma Mater*, the maintenance and cultivation of fraternal feeling among the alumni, and the advancement of the interest of medical education and the diffusion of scientific knowledge.

Professors and Teachers in the Medical Department are entitled to honorary membership with an appropriate certificate.

The meetings during 1898-99 will be held quarterly. At these meetings medical and scientific topics will be brought up for discussion, and all present asked to participate.

Papers and reports of special cases are solicited from members outside of the city or abroad.

All alumni are cordially invited to identify themselves with the Association and assist in the promotion of its welfare.

GUIDO E. CAGLIERI, M. D., President.

For further particulars address the Secretary of the Association,

MARY E. MORRISON, M. D.,
2599 Howard St., San Francisco, Cal.

DRIVEWAY.

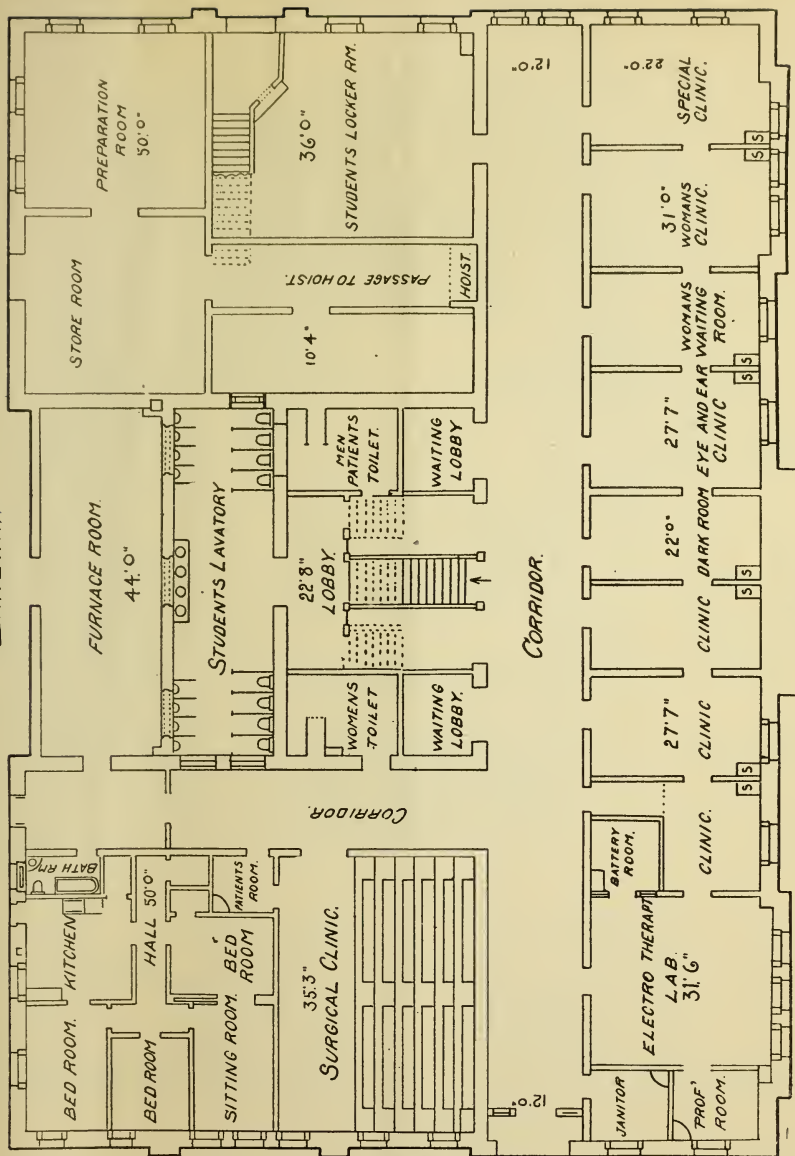


PLATE NO. I.

PLAN OF BASEMENT.

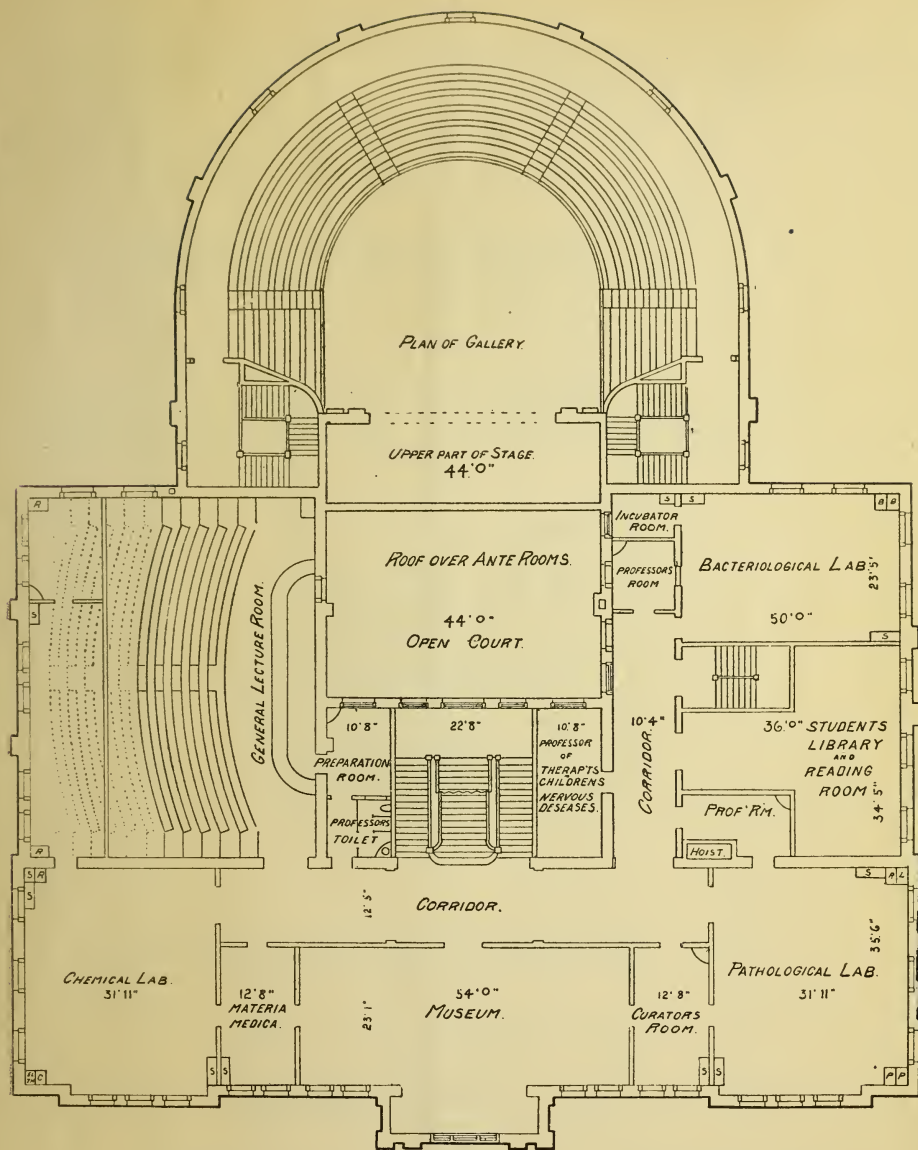


PLATE No. III.
PLAN OF SECOND FLOOR.

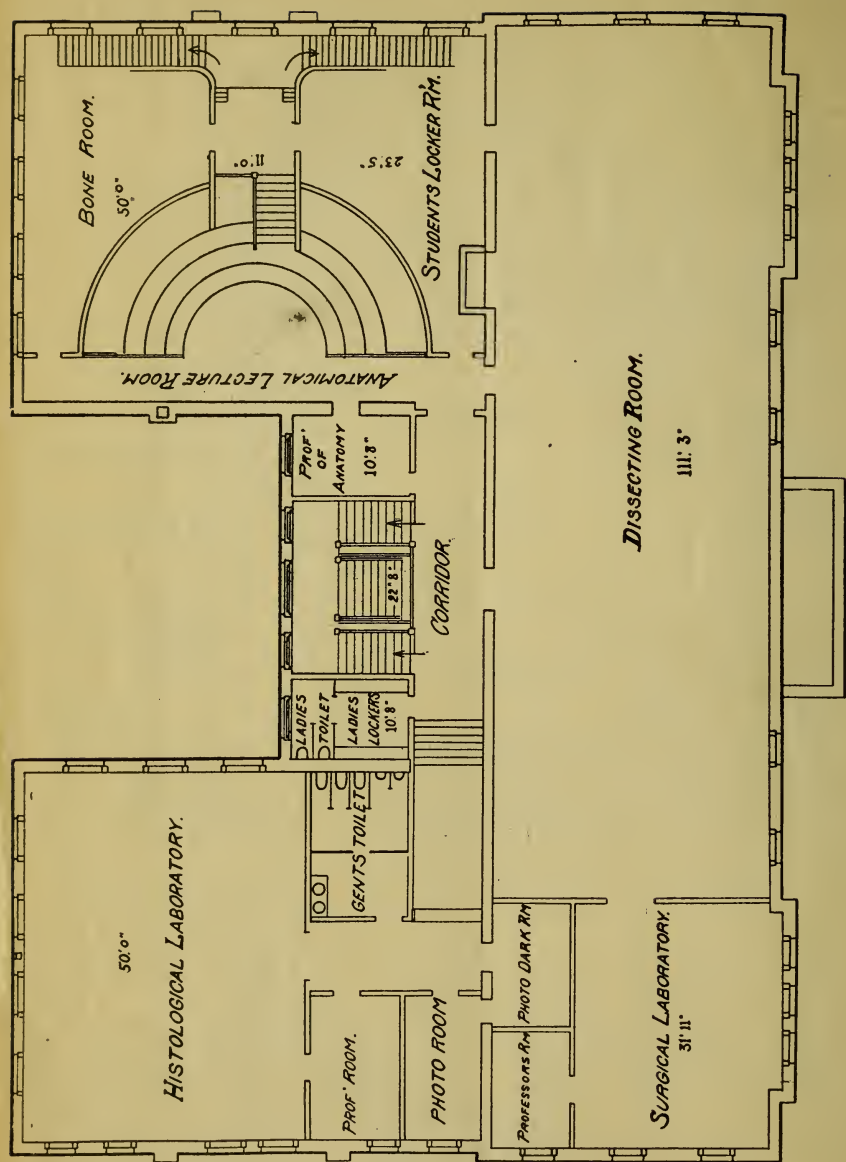


PLATE NO. IV.
PLAN OF THIRD FLOOR.

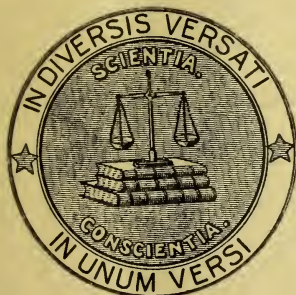
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University of California



Thirty-seventh Annual Announcement

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COLLEGE OF MEDICINE, UNIVERSITY OF CALIFORNIA.

MEDICAL DEPARTMENT

University of California

THIRTY-SEVENTH ANNUAL ANNOUNCEMENT

WITH

CATALOGUE OF STUDENTS AND GRADUATES

AND REPORTS OF HOSPITAL AND DISPENSARY CLINICS

1899-1900

CALENDAR FOR 1899-1900

THE TERM will open on Friday, September 1, 1899, and close on Monday, April 30, 1900.

THE MATRICULATION EXAMINATIONS will be held at Berkeley, August 14, 15, 16.

APPLICANTS are not admitted as regular students after September 30.

THE EXAMINATIONS for promotion and the final examinations for graduation will begin Monday, April 23.

THE LABORATORY and LECTURE COURSES are given at the Affiliated Colleges Buildings south of the east end of Golden Gate Park.

THE CLINICAL LECTURES are delivered at the City and County Hospital, Twenty-second street and Potrero avenue.

THE DISPENSARY CLINICS are held at 155 New Montgomery street.

THE ANNUAL COMMENCEMENT for conferring the Degree of Doctor of Medicine will be held in May.

All communications should be addressed to

DR. A. A. D'ANCONA, Dean of the Faculty,
1022 Sutter St., San Francisco, California.

UNIVERSITY OF CALIFORNIA

BOARD OF REGENTS

Ex-Officio Regents.

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<i>Lieutenant-Governor.</i>	
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<i>President of the State Agricultural Society.</i>	
E. A. DENICKE, ESQ.....	SAN FRANCISCO
<i>President of the Mechanics' Institute.</i>	
BENJAMIN IDE WHEELER, Ph. D.....	BERKELEY
<i>President of the University.</i>	

Appointed Regents.

The names are arranged in order of original accession to the Board.

NAME	ADDRESS	*TERM EXPIRES
ANDREW S. HALLIDIE, ESQ.,	330 Market St., San Francisco,	1908
HON. WILLIAM T. WALLACE,	799 Van Ness Ave., San Francisco,	1902
ISAIAS WM. HELLMAN, ESQ.,	Nevada Bank, San Francisco,	1902
ARTHUR RODGERS, B. S., LL. B.,	309 Montgomery St., S. F.,	1906
ALBERT MILLER, ESQ.,	cor. Annie & Stevenson Sts., S. F.,	1906
JAMES F. HOUGHTON, C. E.,	223 Mission St., San Francisco,	1904
CHESTER ROWELL, M. D.,	Fresno, - - - - -	1910
JAMES A. WAYMIRE, ESQ.,	Alameda, - - - - -	1908
HON. HENRY S. FOOTE,	206 Kearny St., San Francisco,	1900
HON. C. W. SLACK, Ph. B., LL. B.,	309 Montgomery St., S. F.,	1910
JACOB BERT REINSTEIN, A. M.,	217 Sansome St., San Francisco,	1912
JOHN E. BUDD, A. B.,	Stockton, - - - - -	1900
MRS. PHEBE A. HEARST,	Mills Building, San Francisco,	1904
HON. STEPHEN M. WHITE,	Los Angeles, - - - - -	1914
GEORGE C. PARDEE, Ph.B., M.D.,	672 11th St., Oakland,	1914
HON. W. H. L. BARNES,	Crocker Building, San Francisco,	1912

* Terms of Regents expire March 1.

Regular meetings of the Board of Regents are held thirteen times a year, viz: In San Francisco on the second Tuesday in each month; in Berkeley, on the day preceding Commencement in the College of Letters and the Colleges of Science.

UNIVERSITY OF CALIFORNIA

MEDICAL DEPARTMENT

FACULTY

- BENJAMIN IDE WHEELER, Ph. D., President of the University, *ex-officio* President of the Faculty.
- G. A. SHURTLEFF, M. D., Emeritus Professor of Mental Diseases and Medical Jurisprudence.
- R. BEVERLY COLE, A. M., M. D., M. R. C. S. Eng., Professor of Obstetrics and Gynecology; President of Faculty.
- ROBERT A. MCLEAN, M. D., Professor of Clinical and Operative Surgery.
- BENJ. R. SWAN, M. D., Professor of Diseases of Children.
- GEORGE H. POWERS, A. M., M. D., Professor of Ophthalmology and Otology.
- WM. WATT KERR, A. M., M. B., C. M., Professor of Clinical Medicine.
- ARNOLD A. D'ANCONA, A. B., M. D., Professor of Physiology; Dean.
- DOUGLASS W. MONTGOMERY, M. D., Professor of Diseases of the Skin; Curator.
- WASHINGTON DODGE, M. D., Professor of Therapeutics.
- JOHN M. WILLIAMSON, M. D., Professor of Anatomy and Lecturer on the Principles and Practice of Surgery.
- JOHN W. ROBERTSON, A. B., M. D., Professor of Nervous and Mental Diseases.
- JOHN C. SPENCER, A. B., M. D., Professor of Pathology and Histology.
- HARRY M. SHERMAN, M. D., Clinical Professor of Orthopedic Surgery.
- WM. E. HOPKINS, M. D., Associate Professor of Ophthalmology and Otology.
- GEO. F. SHIELS, M. D., F. R. C. S. E., etc., Associate Professor of the Principles and Practice of Surgery. (Absent on leave.)
- CHAS. A. VON HOFFMANN, M. D., Associate Professor of Gynecology.
- WM. B. LEWITT, M. D., Associate Professor of Diseases of Children.
- FRANK T. GREEN, Ph. G., Associate Professor of Materia Medica and Medical Chemistry.
- THOMAS W. HUNTINGTON, A. B., M. D., Associate Professor of Clinical Surgery.
- HERBERT C. MOFFITT, B. S., M. D., Lecturer on the Principles and Practice of Medicine and Instructor in Clinical Medicine.
- J. HENRY BARBAT, Ph. G., M. D., Instructor in Anatomy.
- WILLIAM J. HAWKINS, M. D., Instructor in Physiology.
- RICHARD M. H. BERNDT, M. D., Instructor in Therapeutics.
- THOS. B. W. LELAND, M. D., Instructor in Physiology.
- PHILIP MILLS JONES, M. D., Instructor in Electro Therapeutics.
- JAMES F. MCCONE, B. S., M. D., M. R. C. S. Eng., Instructor in Obstetrics.
- HUGH LAGAN, M. D., Assistant in Clinical Surgery.
- CHARLES L. MORGAN, A. B., Ph. G., M. D., Instructor in Materia Medica.
- EDWARD VON ADELUNG, Jr., B. S., M. D., Instructor in Nervous Diseases.

WALLACE I. TERRY, M. D., Assistant in Clinical Surgery.
 ROBERT T. LEGGE, Ph. G., M. D., Assistant in Materia Medica.
 HENRY A. L. RYFKOGEL, M. D., Instructor in Bacteriology, Director of the
 Clinical Laboratory and Assistant Curator.

SPECIAL LECTURERS

JOSEPH LE CONTE, A. M., M. D., LL. D., Professor of Natural History, University of California.
 WILLIAM E. RITTER, Ph. D., Associate Professor of Biology, University of California.
 HERBERT P. JOHNSON, Ph. D., Assistant Professor of Zoology, University of California.

OUT-PATIENT DEPARTMENT

Medicine—
 Chief of Clinic:
 J. MORA MOSS, M. D.
 Assistant:
 FRANK R. DRAY, M. D.
 Chief of Clinic:
 DANIEL E. F. EASTON, M. D.
 Assistant:
 SANFORD BLUM, M. D.
Surgery—
 PROF. JOHN M. WILLIAMSON, M. D.
 Chief of Clinic:
 * HENRY B. A. KUGELER, M. D.
 Assistants:
 MARSHALL B. RYER, M. D.
 JAMES P. DUNN, M. D.
 HAROLD BRUNN, M. D.

Genito-Urinary Clinic—
 PROF. JOHN M. WILLIAMSON, M. D.
 Assistant:
 CECIL M. ARMISTEAD, M. D.

PROF. JOHN C. SPENCER, M. D.
Eye and Ear Clinic—
 PROF. GEO. H. POWERS, A. M., M. D.
 Chief of Clinic:
 GEORGE W. MERRITT, M. D.
 Assistants:
 HUGH LAGAN, M. D.
 ROBERT H. ORR, M. D.
 GRACE FEDER, M. D.
 Clerk of Clinic:
 ADELINA M. FEDER, M. D.

* Absent on Leave.

Nose and Throat Clinic—

PROF. GEO. H. POWERS, A. M., M. D.

Assistants:

F. B. EATON, M. D.

GARDNER P. POND, M. D.

Gynecology—

ASSOC. PROF. CHAS. A. VON HOFFMANN, M. D.

Chief of Clinic:

JAMES F. MCCONE, M. D., M. R. C. S. Eng.

Assistant:

MARSHALL B. RYER, M. D.

Cutaneous and Venereal Diseases—

PROF. DOUGLASS W. MONTGOMERY, M. D.

2 Assistants:

ALFRED B. GROSSE, M. D.

ERNEST PRING, M. D.

Orthopedic Surgery—

PROF. HARRY M. SHERMAN, A. M., M. D.

Chiefs of Clinics:

SAMUEL J. HUNKIN, M. D.

* HENRY DU R. PHELAN, M. D.

Assistants:

JOHN J. FLOOD, M. D.

ELEANOR M. STOW, M. D.

Nervous Diseases—

Assistant:

EDW. VON ADELUNG, JR., B. S., M. D.

Diseases of Children—

Chief of Clinic:

P. WILLIAM NATHAN, M. D.

Clinical Laboratory— H. A. L. RYFKOGEL, M. D., Director.

* Absent on Leave.

THIRTY-SEVENTH ANNUAL COURSE OF INSTRUCTION

SESSION OF 1899-1900

The Medical Department of the University of California was organized in 1872, as an integral part of the State's educational center.

The curriculum may be summarized as follows:

Four Annual Courses.—Attendance upon four courses, of eight months each, attended through four separate years, is required before the student can present himself for graduation. Students are required to attend the hospital and out-patient clinics regularly throughout the last two sessions.

Graded Studies.—By the system of graded courses the student is thoroughly drilled in the elementary subjects before proceeding higher. The following are the subjects apportioned to each year:

FIRST YEAR

Comparative Anatomy.	Histology: with Laboratory Courses.
Human Anatomy, Descriptive. Particular attention given to Osteology. Dissections.	Chemistry: with Laboratory Courses.
Physiology: with Laboratory Courses.	Materia Medica: with Laboratory Courses.
	Pharmacy.

SECOND YEAR

Descriptive Anatomy completed. Dissections.	Electro-Physics: with Laboratory Courses.
Physiology completed.	Materia Medica completed.
Histology completed.	Pathology: with Laboratory Courses.
Chemistry completed. Laboratory Courses in Urinalysis & Toxicology.	Bacteriology: with Laboratory Courses.

THIRD YEAR

Surgical Anatomy.	Gynecology.
Hygiene.	Obstetrics.
Medical Jurisprudence.	Diseases of Children.
Pathology: with Laboratory Courses.	Nervous and Mental Diseases.
Therapeutics.	Clinical Medicine.
Principles and Practice of Medicine.	Clinical Surgery.
Principles and Practice of Surgery.	Dispensary Clinics.

FOURTH YEAR

Therapeutics.	Ophthalmology, Otology, Laryngology.
Principles and Practice of Medicine.	Applied Chemistry, Pathology, and
Principles and Practice of Surgery.	Bacteriology in Clinical Laboratory.
Gynecology.	Clinical Medicine.
Obstetrics.	Clinical Surgery.
Diseases of Children.	Dispensary Clinics.
Nervous and Mental Diseases.	

At the end of the second year final examinations are given in Descriptive Anatomy, Physiology, Histology, Chemistry, Materia Medica, and Bacteriology. At the end of the third year final examinations are given in Surgical Anatomy and Pathology.

Graduates of this College and those holding certificates of attendance upon lectures are credited for the full time of their medical studies by the Royal College of Surgeons of England, Royal College of Surgeons of Edinburgh, and the Faculty of Physicians and Surgeons of Glasgow.

THE COLLEGIATE YEAR

The sessions begin September 1st and continue eight calendar months.

Regular clinics are held three days each week at the City and County Hospital, where the Professors of the clinical chairs have charge of wards and possess every advantage for the instruction of students; clinics are also held daily at the College Dispensary. Lectures and laboratory courses are given daily by the Professors, and evening recitations are held several times a week.

The student in this city enjoys rare natural advantages for the healthful pursuit of his labors, such a contingency as his detention from lectures or clinics by stress of weather being absolutely unknown.

LOCATION

Through the wise munificence of the State Legislature, it has been rendered possible for the Medical Department of the University of California to occupy its magnificent new home south of Golden Gate Park, on a site donated to the University by the late Hon. Adolph Sutro.

The building devoted exclusively to the purposes of the Medical Department occupies the center of the group portrayed in the frontispiece of this announcement. The building on the right is to be occupied by the Hastings College of the Law; that on the left by the Colleges of Pharmacy and Dentistry, jointly. In the rear is a building devoted to the purposes of the Veterinary School.

The building has a frontage of 148 feet and a depth of 208 feet. This includes an auditorium with a seating capacity of 1,200.

In addition to the equipment already in the possession of the Department it is the intention of the Faculty to provide all of the latest and best scientific appliances requisite for teaching. Having in mind chiefly the practical features of teaching, various spacious laboratories, histological, pathological, bacteriological, chemical, physiological and biological, have been provided; also a separate anatomical auditorium, besides various special demonstration rooms for teaching the classes by sections.

By reference to Plate I, giving in outline the plan of the ground floor, it will be seen that there are eight smaller rooms devoted exclusively to clinical purposes besides a large auditorium devoted to clinical surgery.

On this floor are likewise the Anatomical Preparation-room and Students' Locker-room, Janitors' Departments, Storage-room and Lavatories. (Lavatories for each sex are on every floor.)

It is almost superfluous to state, that from a sanitary standpoint the plumbing, heating and ventilation systems of the building are of the latest and most approved type.

The first floor (*vide* Plate II) is entered by means of a stately portico which ushers one into a spacious Entrance Hall, immediately beyond which is a corridor giving access to the rooms along the front of the building and to the main auditorium. On this floor will be found the rooms of the President and the Dean, also three large Recitation rooms and the Biological and Physiological Laboratories.

The Auditorium has four distinct entrances and exits, a capacious stage and gallery; ample light both by day and by artificial means at night.

The second story (*vide* Plate III) contains beside the Pathological, Bacteriological and Chemical Laboratories, the Museum, the Students' Library and a large General Lecture room. At the rear are the entrances and exits to the gallery of the Auditorium.

The third floor (*vide* Plate IV) contains, it is believed, the finest Dissecting-room in the world at the present time. It occupies the greater part of the front of the building, running back 33 feet 6 inches, and is 20 feet high. In this room are 38 tables. The light is brilliant both by means of ample skylights and windows for the day, and by artificial light at night.

The cadavers are preserved by a method which, while excluding decomposition, keeps the tissues soft even after the expiration of two or three years.

In addition, on this floor will be found the Anatomical Lecture-room, immediately beneath the banked seats of which are on one side a Bone-room, containing many duplicate human bones, to be at the disposition of the students, on the plan of a circulating library; on the other side a Locker-room for the use of those dissecting; a Surgical and Histological Laboratory and Photographic-room. The Photographic-room is an especially valuable feature, rendering it possible to photograph rare cases and specimens presented at the Clinics.

There is a complete intercommunicating telephone system between all of the rooms.

The topographical advantages found in the location of the buildings are great. Facing as they do the north, on an elevation to give an unobstructed view over a large part of the peninsula on which San Francisco is situated, with Golden Gate Park in the immediate foreground, an expansive view of the harbor, the Golden Gate and the Pacific Ocean, and the mountains and hills of Marin, Contra Costa and Alameda Counties, they receive the full benefit of the neighboring trade-winds blowing directly from the ocean, coupled with the advantage of perfect drainage.

The site of the New City and County Hospital in contemplation by the Supervisors is to be within a few blocks of the College buildings, thus offering clinical advantages conveniently close at hand.

The management of the street railway company is now completing a direct line to the buildings, the line to be extended to the new hospital as well.

A more commodious, better appointed building for the purposes intended it will be difficult to find, nor could the attractions and advantages offered to the student of medicine hardly be greater.

MATRICULATION EXAMINATION

Students desiring to matriculate are required to undergo examinations for admission, with the following exceptions, viz:

1. Applicants who present certificates of having successfully passed the examination for admission to the College of Letters or the Colleges of Science of the University of California, or some other recognized University or College.

2. Applicants who present diplomas or certificates of graduation from the University of California, or of some other recognized University or College.

3. Applicants who present diplomas or certificates of graduation from recognized High Schools and Academies.

4. Applicants who present diplomas or certificates of graduation from a State Normal School of California, or of any other state or territory.

Applicants whose credentials are otherwise satisfactory will be required to pass an examination in Physics, if their certificates do not cover that subject.

Matriculants not presenting satisfactory credentials are required to pass the examination in the subjects named below, conducted by the regular examining board of the Academic Departments of the University. These examinations will be held at Berkeley, August 14, 15 and 16. It is expected that the authorities will also provide an entrance examination at some earlier time at points distant from Berkeley. Applicants who wish to take the examinations held at any place other than Berkeley should notify the Dean of their intention as early as April 1st. Subjects:* 1, 2, 3, 4, 5, 6a, b, and c, 11, and 12b, c and d.

*Subjects are numbered to correspond with those of the general list of preparatory subjects for admission to the Colleges at Berkeley.

1. ENGLISH.—(a) The examination in this subject will pre-suppose thorough knowledge of grammar and elementary rhetoric, and a study of the following works: (1) *The Lady of the Lake*; (2) *Gayley's Classic Myths in English Literature* (Ginn & Co.), or *Bulfinch's Age of Fable*; (3) *The Alhambra*; (4) *Sir Roger de Coverley*;* (5) *Short Poems: L'Allegro, Il Penseroso, Winter, Tam O'Shanter, The Deserted Village, The Winter Morning Walk, The Cotter's Saturday Night, The Ancient Mariner, Horatius*, and selections from *Byron* (*Syle's From Milton to Tennyson*); (6) *The Merchant of Venice*; (7) *Julius Cæsar*; (8) *Macaulay's Warren Hastings*.

While the regular examination will, for the present, be upon these subjects without option, teachers of approved ability, in schools on the accredited list of the University, may, after consultation with the English department, avail themselves of such substitutes as the following: for (1), *The Lay of the Last Minstrel*; for (3), *Tom Brown at Rugby*, or *Ivanhoe*; for (4), *Addison's Select Essays* (Allyn and Bacon); for (5), some twelve poems of similar scope and character; for (6) or for (7), *Macbeth*.

(1b) ORAL AND WRITTEN EXPRESSION.—Training in this subject enters into the proper treatment of all topics of study taken up in the school course, and extends to speaking and oral reading as well as to writing. Its aim is to secure to the student the ability to use his mother-tongue correctly, clearly, and pertinently on all the lines upon which his thought is exercised.

A written test in this subject is required of all applicants for the status of special student in the Colleges of Letters, Social Sciences, and Natural Sciences, excepting only those who hold teachers' certificates and those who desire to take only courses in art. In the case of other applicants, for the present no separate examination will be set, but note will be made of correctness of form and adequacy of expression in the various papers written by each.

2. ARITHMETIC.—No examination in this subject will henceforward be set, since the study comes regularly in the Grammar School, and its essential processes are involved in Algebra.

3. ALGEBRA.—Through Quadratic Equations; namely, the various methods of factoring, the theory of exponents, integral and fractional positive and negative, the calculus of radicals, ratio, and pro-

*Not the meager selection sometimes used, but the full series from the *Spectator* (Thirty-three essays), as published by Cassell or the American Book Co.

portion; quadratic equations, both single and simultaneous, their solution and their theory, including all the recognized methods of solution and all equations reducible to the quadratic form and the formation of equations from given roots.

4. PLANE GEOMETRY.—Including the general properties of regular polygons, their construction, perimeters and areas, and the different methods of determining the ratio of the circumference of the diameter.

5. GOVERNMENT OF THE UNITED STATES.—A knowledge of the principles of government, Federal, State, and Local. This requirement presupposes an acquaintance with the history of the United States.

6. LATIN.—(a) *Cæsar*, Gallic War, books i-iv; (b) Elementary Latin Grammar: forms and syntax; (c) translation into Latin of simple English sentences.

While the regular examination will be confined to the books of *Cæsar*, teachers of approved ability, in schools on the accredited list of the University, may, after consultation with the Latin department, substitute any ten* Biographies of *Nepos* for two books of the Gallic War.

11. PHYSICS.—The requirement represents at least a daily exercise during one school year, which falls within the last two years of preparation for college. It is expected that the ground covered will include fair representation of primary empirical laws from each of the main subdivisions of Physics.

The results called for demand vigorous and thorough instruction in the class room, based upon laboratory exercises by the pupils. In addition to the test of a written examination, it will be insisted upon that each candidate submit a laboratory note book, signed by his teacher, as evidence that the main principles of the subject as treated have been presented experimentally.

12. CHEMISTRY, BOTANY, ZOOLOGY.

(b) CHEMISTRY.—The preparation required will include a thorough acquaintance with the elementary principles of the science. Laboratory practice is essential. A full year of preparation will be expected.

(c) BOTANY.—A knowledge of the morphology and simpler physiology of the higher plants is required. This should be based upon a

*But Roberts' edition of *Nine Lives of Nepos* will be accepted.

full year of practical work in the laboratory and to some extent, also, in the field. Careful attention should be paid to the recording of observations, by notes and drawings, together with the drawing of correct inferences from the observations. It is desirable that the pupils become familiar with the easier orders of flowering plants represented in the local flora. Bergen's Elements of Botany (Pacific Coast edition), Spaulding's Introduction to Botany, and Setchell's Laboratory Practice for Beginners, indicate both the scope and the method of the work.

(d) ZOOLOGY.—To consist of the actual study of animals, and recitations, the practical work to be the center of the preparation. The practical work should be partly in the laboratory and partly in the field. The chief aim of the examinations in the subject will be to determine *how closely and accurately pupils have observed*. Such guides for study as Boyer's Elementary Biology, Part I, or Colton's Practical Zoology.

ADVANCED STANDING

Students completing at the University of California the three years' Course Preparatory for Medicine are admitted to the Second-Year Class without examination. Upon the completion of the medical course they are given the two degrees of B. Sc. and M. D.

Graduates of recognized Literary and Scientific Colleges are admitted to the Second-Year Class without examination.

Students who have attended one full course in any recognized regular Medical College, requiring a preliminary examination equivalent to the one required by this institution, are, upon passing a satisfactory examination in the curriculum provided for the first year, admitted as students of the Second-Year Class, provided the courses are in different calendar years.

Students who have attended two or three full courses of lectures in any recognized regular Medical College, are, upon passing a satisfactory examination in the curricula of the lower classes, admitted as students of the Third Year or Fourth Year Class respectively, provided the courses of lectures are in different calendar years.

Graduates of recognized regular Medical Colleges requiring attendance upon four courses of lectures are admitted as students of the

Fourth Year Class upon the same conditions as given in the preceding paragraph.

Under no circumstances is a student credited with attendance upon two courses of lectures, unless such courses have been in different calendar years.

Students who have attended one or more courses of lectures in Medical Colleges not requiring a preliminary examination equivalent to the one exacted by this institution are not admitted to advanced standing unless they meet the usual matriculation requirements as given on page 11.

Graduates of Pharmaceutical Colleges in good standing are admitted to the Second Year Class without examination, provided they meet the usual matriculation requirements

Graduates of recognized Dental Colleges requiring an attendance upon three annual courses of lectures are admitted to the Third-Year Class upon passing a satisfactory examination in the curricula of the first and second years, provided they meet the usual matriculation requirements.

Certificates of private study under the direction of a physician are not recognized.

Theological and Law Students are admitted to special lectures without examination.

FEES

Matriculation Fee (paid but once).....	\$ 5 00
Practical Anatomy Ticket for each of two years.....	10 00
Tuition Fee (for each year of attendance).....	100 00
Graduating Fee (paid but once, but not returnable).....	25 00

A Key and Breakage deposit of five dollars is required each year for the use of lockers and to cover cost of damage to College building and equipment. At the close of the session the unexpended balance is returned to the students. During the last session the charges were nominal. A similar deposit of two dollars and a half is required for each laboratory course taken, to cover cost of material and injury to apparatus. A Breakage deposit of five dollars is required at the College Dispensary, for each of the last two years of the curriculum.

REQUIREMENTS FOR GRADUATION

I. The candidate for the degree of Doctor of Medicine must have attained the age of twenty-one years. He must give satisfactory evidence of possessing a good moral character, which includes unexceptional conduct while at the College. The Faculty reserves the right to terminate the connection of any student with the institution at any time on the ground of what it may deem moral or mental unfitness for the profession.

II. He must have studied medicine four full years and must have attended four regular courses of lectures in separate calendar years, the last of which must have been that of the University of California.

III. He must have passed the required examinations, written and oral.

IV. He must have pursued the study of practical Anatomy during at least two sessions, and must present certificates of having dissected every part of the cadaver.

V. He must have paid in full the College fees, including the graduation fee.

BOARDING

The expense of living in San Francisco is not great. Good board with room rent may now be procured at the low rate of five dollars per week, at a convenient distance from the College building.

HOSPITAL APPOINTMENTS

The position of Interne, or House Physician and Surgeon, in the City and County Hospital, is open each year to four members of the graduating class who recommend themselves to the Faculty by their diligence and general fitness for the appointments. Internes receive their board and lodging for one year, and secure opportunities for accumulating an invaluable experience in every field of Medicine and Surgery.

On completion of the term of service, a certificate is issued by the San Francisco Board of Health and the authorities of the City and County Hospital, as evidence of the faithful performance of the required duties.

Students of the Fourth-Year Class desiring these appointments are required to make application in writing to the Dean, at least two weeks before the close of the session.

The City Receiving Hospital is open to students and graduates of this institution. In this hospital an excellent opportunity is afforded for experience in emergency work.

Several of the private hospitals in the city provide positions on the house staff, which are open to graduates of this College, viz:

St. Mary's Hospital, St. Luke's Hospital, U. S. Marine Hospital, La Maison de Santé (French Hospital), German Hospital, and the Hospital for Children.

Assistants to the staff of the San Francisco Polyclinic are also appointed from the graduates of this institution.

HOSPITAL APPOINTMENTS—FROM CLASS OF 1899.

CITY AND COUNTY HOSPITAL (San Francisco). — *University of California Wards*.—Geo. E. Ebright, Mark L. Emerson, Silvio J. Onesti, Saxton T. Pope, Internes. Rachel L. Ash, Emma Wrightman, Externes. *Polyclinic Ward*.—Bernard F. McElroy, Interne.

ST. LUKE'S HOSPITAL.—Robert T. Legge, Interne.

FRENCH HOSPITAL — Allen F. Gillihan, William E. Stevens, Gustavus A. Weyer, William P. Willard, Internes.

GERMAN HOSPITAL.—Paul R. Lanz, Interne.

SOUTHERN PACIFIC RAIL ROAD HOSPITAL. — Thomas J. Clark, Samuel J. Gardner, Walter J. Henesey, Internes.

MOUNT ZION HOSPITAL.—Edgar M. Dinkelspiel, Interne.

RECEIVING HOSPITAL (San Francisco).—James E. Rice, Interne.

SACRAMENTO COUNTY HOSPITAL.—Charles F. Millar, George L. Stevenson, Internes.

ST. VINCENT HOSPITAL (Portland).—James E. Taylor, Interne.

PENNSYLVANIA WOMAN'S HOSPITAL.—Vida Redington, Interne.

COURSES OF INSTRUCTION

SPECIAL LECTURES

Professor Joseph Le Conte, Professor of Natural History in the University of California, will give in November two or three lectures upon "The Role of Bacteria in the Processes of Life and Decay."

Professor William E. Ritter, Associate Professor of Biology in the University of California, will give three lectures during the last term of the session upon "Growth, Reproduction and Heredity."

A brief outline of the course pursued by the several departments will be found in the following summary.

Anatomy.—Professor Williamson's course in Anatomy will be illustrated by demonstrations on the cadaver, and by both wet and dry preparations, models, manikins, drawings and diagrams, and will include a course on general, special, topographical and surgical anatomy. The dissecting room is spacious, well ventilated, lighted from above, and provided with the necessary conveniences. It is open daily throughout the year, under the superintendence of the Professor and the Demonstrator of Anatomy. A supply of material is always procurable at small cost. When dissections are conducted in a diligent and satisfactory manner, the student is furnished with certificates stating the amount and part dissected. One of the demonstrators is present daily in the dissecting room during working hours, so that students will receive the proper attention and assistance.

An osteological room is open during the term, where students have the opportunity of studying the anatomy of bones and articulations. Special demonstrations are conducted in this room for members of the First Year Class.

A course of lectures on surgical anatomy is delivered before the Third-Year Class. The course in Anatomy is divided between the Professor of Anatomy and his assistants. A schedule outlining this work is issued to students at the beginning of the term.

The principal feature of the entire course is the thorough drill in Practical Anatomy. Students who have been careless or negligent in their dissections are not granted certificates until by additional work they have entirely covered their deficiencies.

Physiology.—The lectures in this department by Professor D'Ancona and Drs. Hawkins and Leland embrace a consideration of both general and special Physiology, and are illustrated by a complete series of colored drawings and by photographs projected upon a screen by means of the stereopticon. The course extends through two years, one year being devoted to the physiology of the nervous system and reproduction, the other to nutrition, respiration, circulation, etc., and the special senses.

The course is supplemented by practical work in the laboratory.

Normal Histology and Embryology.—Professor Herbert P. Johnson of the Zoological Department of the University gives a course of lectures and laboratory exercises in which every effort is made to give the student a first-hand knowledge of the subjects taught and, above all, to familiarize him with the use of the microscope, microtome, and the ordinary methods of fixation, staining and mounting of microscopic sections. All the cellular elements of the body are studied and, as far as practicable, the minute anatomy of the various organs.

A few demonstrations of the embryological development of the common fowl are given, towards the close of the term.

The course occupies one afternoon (about four hours) of each week throughout the session.

Pathology.—Sections of diseased organs ready for mounting are given the students so that they may become familiarized with the method of preparing specimens for examination. The general principles and operation of pathological laws are fully illustrated and fixed in the mind of the student. The use of the microscope as an aid to diagnosis in the examination of sputum, urine, blood, etc., is also in this way illustrated as opportunity arises. Demonstrations in the laboratory form the prominent portion of the course.

Bacteriology.—The new bacteriological laboratory is now equipped with every variety of apparatus necessary in teaching modern bacteriology. The course will be given to the Second-Year Class and will include instruction in making culture media and in their use in the cultivation and differentiation of types of bacteria. The various methods of staining, didactic and laboratory studies of the various pathogenic bacteria, the examination of blood, sputum, fæces, water, soil, air, etc., will be taken up in turn. Two afternoons a week for three months will be devoted to this study.

Medical Chemistry and Materia Medica.—Associate Professor Green gives special attention to the part of Chemistry relating to Medicine and Pharmacy. The lectures are illustrated by experiments, and the theory is demonstrated practically by excursions to various public works from time to time. The nature, origin, physical and chemical properties of the various remedies official in the United States Pharmacopœia are fully elucidated. The cabinet of Materia Medica, which contains the important as well as the new and rare drugs and pharmaceutical preparations employed in medicine, is used to illustrate the lectures.

Practical Chemistry.—The Chemical Laboratory has been thoroughly refitted with the latest and most approved apparatus. Each student is provided with a separate bench and set of apparatus and reagents, performing individually all experiments. A systematic course is given in Practical Chemistry, including qualitative and quantitative analysis of water, foods, milk, urine, mineral and vegetable poisons.

First Year.—Each student performs a series of experiments in which he develops the main principles of the science of chemistry, and becomes familiar with chemical substances and their reactions.

Second Year.—The simplest and most approved methods of examining water, milk and urine, chemically and microscopically, are performed by each student. The course closes with a series of tests for alkaloids in organic and other mixtures.

Chemical Laboratory.—*First Year.*—The important feature of the first year's work is the *reactions* of the *acids* and *bases*, together with chemical manipulation from an analytical standpoint. The object of such work is to familiarize the student with acids and salts, together with their behavior towards each other, that he may gain a knowledge of chemical incompatibilities.

Specific Gravity with *Hydrometers* and *Westphal Balance* is then considered.

This is to be followed by *Urinalysis* (qualitative). First Part: Normal properties and constituents. Second Part: Abnormal properties and constituents. Third Part: The separation of urinary sediments by the centrifuge, together with the study of their forms, crystalline, organized and amorphous, also their micro-chemic behavior towards reagents.

The *Spectroscope* in its application to the analysis of the flames of volatilizing alkalies and earths; also the identification of the absorption spectra of blood and certain organic colors follows.

Toxicology from an analytical standpoint is dwelt upon, embracing the tests for identification of the volatile, mineral and vegetable poisons.

Each student is required to be present at the laboratory sessions, keep desks, apparatus and reagent bottles clean and in order, keep a journal, and submit reports to the professor in charge.

Second Year.—*Qualitative relationship of volume and weight*, or specific gravity of solids lighter and heavier than water; of both heavy and light liquids. By means of the Pycnometer, Erdman float and Westphal balance, specific gravity is dwelt upon as much to familiarize the student with the metric system, as for the special teaching and experience gained.

Quantitative urinalysis is pursued with a view to aid in diagnosis.

Urine.—Volumetric estimations: glucose, acidity, chlorides, albumen, phosphates Gravimetric estimations: sulphates, chlorides, uric acid, albumen. Gasometric estimations: glucose and urea (by decomposition). The analysis of gastric contents, qualitative and quantitative, is carried on.

The Polariscope and its use in estimating the quantities of glucose in diabetic urine, with a control by Fehling's method. The polarization of albumen.

Milk analysis according to the standards adopted by the San Francisco Board of Health. Milk, with its organic and inorganic constituents; numerous samples to be analyzed in the laboratory by each student, not only examined as to adulteration but as regards composition.

Water analysis from a sanitary standpoint, both qualitative and quantitative, as factors in the determination of purity.

Toxicology.—The search for poisons in foods and tissues. The student is required to separate and detect poisons from same, using corroborative methods of identification.

Food adulteration and its detection. Tea, coffee, cocoa, butter, sugar, confectionery, honey, beverages, liquors, vinegar, pickles and condiments.

Students are required to be present at laboratory, keep desks, apparatus, reagent bottles, etc., clean and in order, to keep a journal, bring samples, and submit reports to the professor in charge.

Materia Medica.—Dr. C. L. Morgan, Instructor in Materia Medica in his course describes fully the various classes of preparations recognized in the U. S. Pharmacopœia and demonstrates practically the method of their preparation. At the same time a knowledge of Pharmacy is imparted and the intricacies of Prescription Writing fully elucidated. Laboratory instruction is given to the Second-Year Class.

Therapeutics (Medical and Surgical).—The lectures in this department, by Professor Dodge and Dr. Berndt, explain the physiological actions and therapeutic indications of all agents, medical and surgical, used for the cure, alleviation or prevention of diseases. During the Fourth year Professor Dodge takes up particularly Applied Therapeutics, giving fully the treatment, hygienic, dietetic and medicinal, of the more important diseases.

Electro-therapeutics.—Dr. Philip Mills Jones lectures to the Third-Year and Second-Year Classes. The course delivered to the Second-Year Class is devoted to electro-physics, with the object of thoroughly grounding the student in so much of the physics of electricity as is requisite to insure intelligent handling of apparatus and therapeutic application of electricity. After a good working knowledge of the electrical laws and theories necessary to an understanding of the subject and of the principles governing the construction or selection of apparatus has been acquired by the student, he is carefully instructed in the various applications of electricity in diagnosis and in the treatment of disease. The essentials of each method of electrical treatment are fully outlined, in the course of lectures to the Third-Year Class, together with the reasons governing the choice of the particular method employed in each case, the manner of application, the indications, and the changes to be anticipated. The apparatus for producing, and the technique of employing, the X-Rays of Prof. Roentgen are fully explained.

Surgery.—Dr. Williamson delivers two lectures each week on the science and art of Surgery. The more recent views on the management of surgical conditions and the appliances devised for their relief are particularly dwelt upon and illustrated with drawings and models when necessary. The course includes a series of lectures upon Operative Surgery, with demonstrations on the cadaver. The students are drilled in manipulation of instruments used in the various operations.

Practice of Medicine.—Dr. Herbert C. Moffitt presents in his lectures the Principles and Practice of Medicine in its modern aspects. He gives a description of the different diseases, their etiology, pathology, symptoms, diagnosis, prognosis and treatment. The various pathological changes are demonstrated by means of plates, preparations, and recent specimens of diseased parts.

Obstetrics.—The science and art of Obstetrics are taught by Professor R. Beverly Cole and Dr. James L. McCone. Their lectures are fully illustrated by the use of colored plates and drawings, prepared specimens, and the manikin. The principal obstetric operations are performed on the cadaver in the presence of the class.

Gynecology.—This subject is taught didactically and clinically by Professor Cole and Associate Professor von Hoffmann. The use of gynecological instruments is carefully shown, and the several procedures explained by means of colored charts, diagrams and manikins.

Nervous and Mental Diseases.—The instruction, in addition to the regular lectures by Professor Robertson on the Medical Jurisprudence of Insanity, includes a course on Alcoholism and Narcotics, together with a discussion of the localization of lesions of the nervous system. These lectures are illustrated by specially prepared plates and diagrams, showing the results of the most recent investigations. It is intended to illustrate this subject further by demonstrations of normal and pathological brains and spinal cords.

Functional nervous diseases including the various phases of Hysteria and Hypnotic conditions, will receive special attention. The instruction in both functional and organic diseases of the nervous system is supplemented by clinical lectures and demonstrations. It is intended that the students shall further familiarize themselves with the pathological appearance of nervous tissue, not only by observing sections already prepared, but by actual work in the laboratory, where section cutting, staining, and slide mounting are taught.

In addition to the regular lectures on Insanity, visits are made to the various city and State institutions for the care of the insane, so as to acquaint the students more thoroughly with the characteristic features of the disease.

Diseases of Children.—Professor Swan and Associate Professor Lewitt devote one hour each week to this subject, illustrating their lectures by notes drawn from an unusually large experience in the management of diseases peculiar to children.

CLINICAL TEACHING

In Clinical Teaching the plan pursued by the several Clinical Professors has for its aim the actual confronting of the student with the phenomena of disease, that the senses of sight, hearing and touch may be trained to aid in forming a correct diagnosis.

The facilities for clinical studies open to the students of the University are ample. Full access is given to the City and County Hospital, an institution containing five hundred beds, and presenting for observation perhaps every known form of disease, including those peculiar to tropical and South America. The staff of the Hospital is largely drawn from the Faculty of the University, giving them unusual advantages for developing clinical material. The Professor of Clinical Surgery has charge of three surgical wards (thirty-two beds in each), the Professor of Clinical Medicine two wards, the Professor of Obstetrics and Gynecology and the Professor of Ophthalmology, one ward each. Autopsies are conducted three times a week in the Mortuary by the Pathologist. A large operating theatre has been erected where the major and minor operations of surgery are performed in view of the class. Operating days are Tuesday and Saturday. The Hospital is situated at the junction of Twenty-second street with Potrero avenue, and is accessible from the North Beach and Mission cars, the Howard street, Mission street, and Valencia street lines.

HOSPITAL CLINICS

Clinical Surgery.—Professor McLean and Associate Professor Huntington deliver clinical lectures on Practical and Operative Surgery, at the City and County Hospital, on Tuesdays, Thursdays and Saturdays, throughout the session. Especial attention is given, in a ward devoted to the purpose, to the conduct of disorders of the genito-urinary organs and venereal diseases. A course of Minor Surgery is also given. Instruction in this branch includes the application of bandages and the various dressings used in treating wounds, fractures, dislocations, etc.

REPORT OF THE SURGICAL DIVISION OF THE HOSPITAL OF THE CITY AND COUNTY OF SAN FRANCISCO, UNDER THE CHARGE OF PROFESSOR ROBT. A. McLEAN AND ASSOCIATE PROFESSOR HUNTINGTON OF THE UNIVERSITY OF CALIFORNIA, FROM APRIL 30TH, 1898, TO APRIL 30TH, 1899.

General Surgery.

Contusions—		Fractures—	
Shoulder	5	Clavicle	7
Elbow	4	Clavicle, Comp	3
Face	12	Ribs	10
Ear	3	Ulna	2
Eye	9	Radius	5
Thigh	5	Radius, Comp	1
Side	7	Colle's	7
Chest	6	Humerus	6
Back	5	“ Comp	2
Leg	8	“ Comm	1
Ankle	14	Ulna and Radius	1
	78	Tibia	6
Sprains—		“ Comp	2
Shoulder	4	“ Comm	1
Wrist	8	Fibula	3
Knee	7	Pott's	6
Ankle	27	Tibia and Fibula	5
Back	5	“ “ “ Comp	1
	51	Femur	7
Dislocations—		“ Comp	3
Clavicle	3	“ Intra-Cap	4
Shoulder	7	“ Ex.-Cap	2
Elbow	5	Crest of Ilium	1
Hip-Joint, Femur	4	Skull	7
Knee	2	Inf. Max	6
Ankle	6	Bones of Hand	4
Great Toe	3	“ Foot	3
	30		106

Wounds—		Gonorrhœa	35
Incised	14	Gonorrhœal Rheumatism	12
Infected	11	Periurethral Abscess	4
Lacerated	16	Urethritis, Simple	6
Punctured	7	Rupture of Urethra	2
Scalp	12	Laceration of Urethra	5
Stab	6	Phimosis, Circumcision	18
Gunshot	7	Paraphimosis	4
	73	Bubo, Suppurative	24
Abscess—		Chancroids	14
Neck	9	Enlarged Prostate—	
Back	3	Acute Prostatitis	4
Sub-Max. Gland	2	Chronic Hyper. Pros.—	
Arm	4	Vasectomy	3
Axilla	6	Castration	1
Shoulder	3	Irrigation and Pall.	8
Thigh	4		16
Abdominal Wall	1	Hernia (*Herniotomy)—	
Lumbar	2	Strangulated	1
Psoas	3	Inguinal, Single	12
Multiple	5	“ Double	4
	42	Femoral	1
Syphilis—		Ventral	3
Primary, Initial	9	Congenital	1
Secondary	30		22
Tertiary, Bone	8	Laparotomy—	
“ Nervous System	2	Suppurative Peritonitis	4
“ Rectum	2	Appendicitis, Acute	2
“ Skin	14	“ Chronic	2
	65	“ Recurrent	1
Testicle—		Volvulus	1
Epididymitis	14	Carcinoma of the Stomach—	
Hydrocele	7	Gastrectomy	1
“ Double	3	Gastro-Duodenostomy	1
“ Cord	5		12
Orchitis	16	Varicose Veins	14
Tubercle	4	Phlebectomy	1
Varicocele	3	Acupressure	2
	52	Hemorrhoids—	
Stricture of Urethra—		Internal	4
By Gradual Dilatation	18	External	9
By Internal Urethrotomy	9		13
By External Urethrotomy	4	Tuberculous Osteitis—	
	31	Knee	4
Bladder—		Hip	2
Cystitis, Gonorrhœal	8	Elbow	2
“ Simple	12		8
Stone	3	Gangrene—	
Litholapaxy	2	Dry	5
Lithotomy	1	Moist	2
Retention of Urine	5		7
	28		

* Bassini and Kocher's methods.

Resections—		Sarcoma, Neck.....	1
Knee.....	1	Fibro-Sarcoma, Neck.....	1
Elbow.....	2	Epithelioma, Eyelid.....	1
Shoulder.....	1	“ Lower Lip.....	2
Other Bones.....	5	“ Penis.....	1
	9	“ Tongue.....	1
		“ Face.....	1
		“ Neck.....	1
Amputations—			18
Hip-Joint.....	1	Non-Malignant—	
Leg.....	4	Neuroma.....	2
Thigh.....	3	Lipoma.....	2
Hand and Foot..	9		4
	17		
Re-amputations.....	2	Synovitis—	
Necrosis—		Teno.....	2
Tibia.....	4	Float. Cart, Knee.....	1
Ribs.....	7	Chronic, Knee.....	6
Inf. Max.....	3	Ankle.....	2
Bones of Hand and Foot.....	5		11
	19		
Ulcers—		Carbuncle—	
Chronic.....	12	Back.....	1
Eczematous.....	5	Neck.....	4
Phagedenic.....	2		5
Rodent.....	1	Aneurism.....	2
Syphilitic.....	3	Fistula in Ano.....	8
Tuberculosis.....	4	Perineal Fistula.....	5
Varicose.....	22	Fistula of Gall Bladder.....	1
	49	Ischio-Rectal Abscess.....	10
Burns—		Stricture of Œsophagus.....	1
First Degree.....	2	Concussion of the Brain.....	4
Second Degree.....	6	Rupture Biceps, Arm.....	1
	8	Bursitis.....	2
Skin Graft.....	7	Osteo-Malacia of Spine.....	1
Sponge Graft.....	2	Cerebro-Spinal Lepto Meningitis.	1
Traumatic Hemiplegia.....	5	Sciatica, Stretching.....	4
Traumatic Paralysis.....	4	Multiple Myocitis.....	1
Trephine.....	3	Talipes Equinus Varus (Op).....	1
Dupuytren's Contraction—		Sebaceous Cysts.....	5
Subcutaneous Division.....	2	Erysipelas, Facial.....	3
Amputation, Fingers.....	3	Phlegmon.....	2
	5	Septicemia.....	1
Empyema.....	6	Epistaxis.....	4
Resection of Ribs.....	5	Pyo-Nephrosis.....	2
Cancer, Microscopical—		Acute Alcoholism, Injury.....	10
Osteo-Sarcoma, Face and Orbit	1	Pediculi—	
“ “ Ilium.....	1	Corporis.....	11
“ “ Orbit.....	1	Capitis.....	6
“ “ Inf. Max.....	2	Pubis.....	5
“ “ Leg.....	1		22
Lympho-Sarcoma, Neck.....	2		
“ “ Thyroid Gland.....	1		

Eczema	12	Sycosis.....	3
Psoriasis.....	10	Acne.....	5
Trichophytosis Barbæ.....	2		

HENRY ABRAHM, M. D.,
Interne, Wards A and B.

Clinical Medicine.—Professor W. W. Kerr will deliver a course of lectures on Clinical Medicine at the same hospital each Tuesday, Thursday and Saturday. The course of study will consist of the demonstration of cases illustrating the different phases and peculiarities which disease assumes, the examination of patients at the bedside by the student, under the guidance of the professor, together with instruction in all those details which qualify the student to discharge his duty agreeably and efficiently in the sick room.

The students of the Third-Year Class, besides attending the clinical lectures given by Professor Kerr, will be given clinical demonstrations in the wards by Dr. Herbert C. Moffitt. Instructor in Clinical Medicine. Particular attention will be paid to Physical Diagnosis.

REPORT OF THE MEDICAL DIVISION OF THE HOSPITAL OF THE CITY AND
COUNTY OF SAN FRANCISCO, UNDER THE CHARGE OF PROFESSOR WM.
WATT KERR, FROM APRIL 30TH, 1898, TO APRIL 30TH, 1899.

Acute Bronchitis.....	29	Chronic Dilatation of Heart.....	19
Chronic Bronchitis.....	19	Hypertrophy of Heart.....	2
Phthisis, Pulmonalis.....	136	Nervous Heart.....	4
“ Miliary	3	Angina Pectoris.....	2
Acute Pleurisy.....	14	Arterial Sclerosis.....	17
Chronic Pleurisy.....	6	Aneurism of Aorta.....	4
Purulent Pleurisy.....	1	Acute Alcoholism.....	23
Diaphragmatic Pleurisy.....	1	Chronic Alcoholism.....	13
Pleurodynia.....	1	Tonsillitis.....	2
Pneumothorax.....	1	Pustular Tonsillitis.....	2
Abscess of Lung	3	Pyelitis.....	1
Gangrene of Lung.....	1	Purulent Peritonitis.....	4
Catarrhal Pneumonia	40	Insomnia	1
Bronchial Pneumonia	14	Anæmia.....	2
Hypostatic Pneumonia.....	1	Exophthalmic Goitre.....	1
Myocarditis.....	15	Ptomaine Poisoning.....	2
Mitral Incompetence.....	50	Mustard Poisoning.....	1
“ Stenosis.....	2	Carbolic Acid Poisoning	1
Aortic Incompetence.....	10	Temporary Glycosuria.....	1
“ Stenosis.....	10	Peritonitis.....	2
Fatty Heart.....	2	Chronic Interstitial Pancreatitis..	1
Pericarditis.....	1	La Grippe.....	11
Acute Endocarditis.....	6	Chlorosis.....	1
Acute Dilatation of Heart.....	3	Typhoid Fever.....	16

Bronchial Asthma.....	4	Intermittent Fever.....	31
Cardiac Asthma.....	19	Epilepsy.....	
Measles.....	9	Petit Mal.....	4
Diphtheria.....	2	Grand Mal.....	4
Scarlet Fever.....	1	Jacksonian.....	1
Lead Poisoning.....	2	Paralysis Agitans.....	2
Vertigo.....	1	Tabes Dorsalis.....	7
Acute Diarrhœa.....	4	Neurasthenia.....	19
Chronic Diarrhœa.....	3	Multiple Neuritis.....	19
Myxodema.....	1	Alcoholic Neuritis.....	10
Pernicious Anæmia.....	1	Arsenical Neuritis.....	3
Dysphagia.....	1	Specific Neuritis.....	2
Senility.....	8	Ataxic Paraplegia.....	1
Cholelithiasis.....	4	Senile Paralysis.....	1
Acute Gastritis.....	14	Hemicrania.....	1
Chronic Gastritis.....	17	Occipital Neuralgia.....	1
Gastro Enteritis, Acute.....	7	Intercostal Neuralgia.....	2
Gastralgia.....	3	Supraorbital Neuralgia.....	1
Gastric Ulcer.....	1	Herpes Zoster.....	2
Gastrectasis.....	1	Intern. Hemor'gic Pachymen'gitis	1
Colitis, Acute.....	3	Spinal Meningitis.....	2
Acute Constipation.....	1	Cerebro Spinal Meningitis.....	5
Chronic Constipation.....	2	Syringomyelia.....	2
Cirrhosis of Liver.....	19	Paraplegia.....	1
Cancer of Liver.....	4	Monoplegia.....	2
Congestion of Liver, Acute.....	4	Hemiplegia.....	16
Hydatid of Liver.....	1	Thrombus.....	4
Abscess of Liver.....	1	Cerebral Apoplexy.....	18
Fatty Degeneration of Liver.....	3	Encephalomalacia.....	2
Epistaxis.....	1	Sciatica.....	7
Diabetes Mellitus.....	4	Hysteria.....	15
" Insipitus.....	1	Dipsomania.....	1
Diabetic Coma.....	1	Suicidal Mania.....	1
Chronic Interstitial Nephritis.....	9	Puerperal Mania.....	2
Chronic Parenchymatous Nephritis.....	9	Melancholia.....	1
Acute Parenchymatous Nephritis.....	5	Katatonía.....	1
Uræmia.....	2	Acute Mania.....	1
Stenosis of Oesophagus.....	2	Suppurative Pylephlebitis.....	1
Gout, Chronic.....	4	Emphysema.....	1
Acute Articular Rheumatism.....	64	Carcinoma of Stomach.....	3
Chronic Articular Rheumatism.....	27	Erysipelas.....	16
Gonorrhœal Rheumatism.....	1	Syphilis.....	6
Muscular Rheumatism.....	5	Volvulus.....	1
Lumbago.....	3	Senile Marasmus.....	1
Remittent Fever.....	7	Not Diagnosed.....	11

THOMAS B. ROCHE, M. D., Interne.

Gynecology and Practical Midwifery.—Professor R. Beverly Cole, Associate Professor Charles A. von Hoffmann and Dr. James F. McCone, will hold a Thursday Clinic, including a course of instruction in Operative Gynecology, the use of instruments, appliances, etc. They will devote a portion of their lectures to Clinical Midwifery, taking as illustrations such cases of interest as may occur in the lying-in ward from time to time. The senior students will each, in rotation, have opportunities for the study of Practical Obstetrics at the bedside.

REPORT OF THE CLINIC ON OBSTETRICS AND GYNECOLOGY OF THE HOSPITAL OF THE CITY AND COUNTY OF SAN FRANCISCO, UNDER THE CHARGE OF PROFESSOR R. BEVERLY COLE, ASSOCIATE PROFESSOR CHARLES A. VON HOFFMANN AND DR. JAMES F. MCCONE, OF THE UNIVERSITY OF CALIFORNIA, FROM APRIL 30, 1898, TO APRIL 30, 1899.

Pregnancy.....	5	Chancroid.....	1
Threatening Abortion.....	2	Syphilis.....	15
Abortion.....	5	Gonorrhœa.....	4
Endometritis.....	14	Menorrhagia.....	1
Hemorrhagic Endometritis.....	3	Anæmia.....	1
Endocervicitis, Acute.....	4	Menopause.....	1
“ Chronic.....	7	Metritis.....	1
Oöphoritis.....	3	Pelvic Cellulitis.....	4
Parametritis.....	1	Pelvic Peritonitis.....	2
Vaginitis.....	2	Extra-Uterine Pregnancy.....	1
Bartholinitis.....	2	Movable Kidney.....	2
Retroflexion.....	1	Hemorrhoids, Internal.....	1
Anteversion.....	1	“ External.....	1
Cystocele.....	3	Septicæmia.....	1
Laceration of Perineum.....	7	Retained Membranes.....	2
Laceration of Cervix.....	3	Metrorrhagia.....	2
Stenosis of Cervix.....	1	Appendicitis, Chronic.....	1
Carcinoma of Uterus.....	7	Fissure, Anal.....	2
Carcinoma of Intestines.....	1	Recto-Vaginal Fistula.....	1
Fibroid of Uterus.....	4	Pyosalpinx.....	3
Ovarian Cyst.....	4	Bubo.....	2
Umbilical Hernia.....	1	Shock.....	2
Amenorrhœa.....	1	Dysentery.....	2
Leucorrhœa.....	1		

Ophthalmology and Otology.—Professor Powers will deliver one didactic lecture a week during the course, covering the subjects of the Eye and Ear. These lectures will be illustrated by models, charts and blackboard drawings. He will also conduct two clinics a week at the College Dispensary, where, in addition to operative and severe cases, he has a large out-patient clinic, including many children, with many illustrations of cases as they appear in daily practice. At these clinics senior students are required, in turn, to keep record of the cases, with a view to cultivating a habit of casewriting. Associate Professor W. E. Hopkins will hold one clinic a week at the City and County Hospital and deliver a course of lectures on the Nose and Throat with quizzes.

REPORT OF OPHTHALMOLOGIC AND OTOLOGIC DIVISION OF THE HOSPITAL OF THE CITY AND COUNTY OF SAN FRANCISCO, UNDER THE CHARGE OF ASSOCIATE PROF. W. E. HOPKINS OF THE UNIVERSITY OF CALIFORNIA, FROM APRIL 30, 1898, TO APRIL 30, 1899.

EYE CASES.

Conjunctivitis, Catarrhal.....	19	Retinitis, Albuminuric.....	2
“ Gonorrhoeal.....	4	Neuro Retinitis.....	7
“ Phlyctenular.....	8	Choroiditis.....	5
“ Granular.....	11	Glaucoma, Chronic.....	3
Keratitis.....	12	“ Acute.....	2
Foreign Body.....	12	Panophthalmitis.....	9
Pterygium.....	7	Toxic Amblyopia.....	7
Iritis, Syphilitic.....	29	Cataract, Senile.....	18
“ Rheumatic.....	5	“ Soft.....	2
“ Traumatic.....	6	“ Traumatic.....	4
Cyclitis.....	8		
Retinitis, Pigmentosa.....	6	Total.....	186

OPERATIONS.

Enucleations.....	11	Needling.....	10
Cataract Extractions.....	18		
Iridectomies.....	22	Total.....	64
Canthotomies.....	3		

EAR CASES.

Otitis Externa, Catarrhal.....	2	Otitis Media, Purulent.....	14
“ “ Purulent.....	5	Mastoiditis.....	5
Myringitis.....	6		
Otitis Media, Catarrhal.....	24	Total.....	56

OPERATIONS.

Mastoid Operations.....

NOSE.

Rhinitis, Acute Catarrhal	6	Tertiary Syphilis	7
“ Chronic Hypertrophic ..	25	Empyema of Frontal Sinus	2
“ “ Atrophic	6	Deflected Septum	4
“ Purulent	2		
Polypi	10	Total	62

OPERATIONS

Removal of Polypus	10
Empyema of Frontal Sinus	1
For Deflected Septum	2
Total	13

THROAT.

Pharyngitis, Granular	30	Tubercular Ulceration of Palate ..	2
“ Sicca	8	“ Laryngitis	26
Tonsillitis	13		
Tonsillar Abscess	4	Total	83

HUGH LAGAN, M. D.

OUT-PATIENT CLINICS

The Faculty has organized a Free Dispensary Clinic, which is held at 155 New Montgomery Street. This clinic is located in the heart of a thickly populated district, where clinical material of every description is extremely abundant. The clinical rooms are large and airy, and provided with every facility for the successful demonstration and treatment of disease.

A full staff of clinicians and assistants has been appointed, and clinics are held daily throughout the year. Cases applying for treatment are classified according to their diseases and assigned to the different clinicians.

During the sessions of the College, every advanced student will have an opportunity to observe and attend personally a large number of cases, under the direct supervision of the clinical staff.

The advantage of an out-patient clinic lies in the fact that the varieties of cases presented for observation are, to a great extent, those seen in office practice. Combined with hospital work, the Dispensary Clinic forms an invaluable system of practical training for the student.

A fully equipped pathological and bacteriological laboratory is conducted in conjunction with the clinic, wherein examinations are made of urine, sputum, abnormal growths, etc., so that the student may obtain simultaneously a view of the pathological and of the clinical aspect of disease processes.

An obstetrical bureau has been established where indigent women may make application for attendance at their own homes during confinement. The clinician in charge of this department will assign cases in rotation to students of the Fourth-Year Class.

OUT-PATIENT DEPARTMENT.

REPORT OF THE UNIVERSITY OF CALIFORNIA OUT-PATIENT DEPARTMENT FOR THE YEAR ENDING APRIL 30TH, 1899.

	Total Visits.
Dermatological Clinic.....	2628
Surgical Clinic.....	4164
Gynecological Clinic.....	2045
Genito-Urinary Clinic.....	1072
Medical Clinic.....	3641
Orthopedic Clinic.....	624
Children's Medical Clinic.....	292
Nervous Diseases.....	288
Eye and Ear Clinic.....	2490
Nose and Throat Clinic.....	1228

Surgical Out-Patient Clinic.

CHIEF OF CLINIC, DR. H. B. A. KUGELER; ASSISTANT, DR. M. B. RYER.

HEAD AND NECK.

Abscess, Alveolar.....	1	Furuncle.....	6
“ Cervical.....	6	Necrosis of Inferior Maxilla.....	1
“ Face.....	3	Phlegmon of Neck.....	1
Adenitis, Cervical.....	5	Ranula.....	1
Carbuncle of Neck.....	4	Tumor of Neck and Axilla.....	1
Caries of Superior Maxilla.....	1	Ulcers, Rodent of Lip.....	3
Contusions, Face.....	2	“ “ Face.....	2
“ Head.....	7	Wounds—	
“ Neck.....	1	Incised Scalp.....	4
Cornua of Skin over Zygoma.....	1	Infected Scalp.....	6
Cysts of Neck, Sebaceous.....	2	“ Face.....	3
“ Scalp and Face.....	6	“ Neck.....	2
Epithelioma of Lip.....	2	“ Eye.....	5
Erysipelas of Face.....	1	Lacerated Scalp.....	17
Fracture, Nasal Bones.....	2	“ Face.....	5
“ Inferior Maxillary.....	3	“ Ear.....	2
“ Skull.....	1		

UPPER EXTREMITY.

Abscess, Arm.....	6	Fracture, Humerus.....	1
“ Axilla.....	7	“ Thumb.....	1
“ Hand and Fingers.....	11	“ Clavicle.....	2
Burn, Arms.....	4	Furuncle, Arm.....	3
“ Hand and Fingers.....	13	Ganglion, Hand and Wrist.....	5
Bursitis, Olecranon.....	3	Paronychia.....	3
Carbuncle of Arm.....	1	Phlegmon, Arm.....	4
Cellulitis of Arm.....	2	“ Hand and Fingers.....	11
Contusion of Arm.....	4	Sprain, Arm and Elbow.....	4
“ Shoulder.....	5	“ Hand, Wrist and Fingers.....	6
“ Elbow.....	3	Synovitis, Wrist.....	1
“ Hand and Fingers.....	14	Tenovaginitis, Forearm.....	3
Contraction of Arm.....	1	Wounds, Gunshot Arm.....	2
Dislocation, Humerus.....	1	“ Hand and Fingers.....	1
Dupuytren's Contraction.....	2	“ Stab of Arm.....	1
Foreign Body in Arm and Hand.....	4	Laceration of Arm.....	4
Felon.....	6	“ Hand and Fingers.....	17
Fracture, Colle's.....	5	Infected Wound of Arm, Hand	
“ Radius.....	2	and Fingers.....	18
“ Ulna and Radius.....	2		

CHEST AND BACK.

Burn of Back.....	1	Enchondroma of Rib.....	1
Carbuncle of Back.....	1	Fracture of Ribs.....	2
Carcinoma of Breast.....	1	Sprain of Back.....	2
Contusion of Ribs.....	4	Wounds of Chest.....	2
“ Back and Chest.....	4		

ABDOMEN AND PELVIS.

Abscess, Ischio-Rectal.....	2	Hæmorrhoids, External.....	3
Condylomata Ani.....	1	“ Internal.....	6
Fissure in Ano.....	1	Hernia, Inguinal.....	6
Fistula, External Incomplete.....	1	Prolapsus Ani.....	1
“ Complete.....	4	Ulcer of Rectum.....	1
Hæmatoma of Labia Majora.....	1		

LOWER EXTREMITY.

Abscess, Leg.....	3	Sprain, Ankle.....	5
Ankylosis of Knee.....	1	“ Knee.....	3
Bubo.....	4	Sesamoid Bone of Great Toe Re-	
Burn, Leg.....	3	moved.....	1
“ Foot.....	2	Subluxation of Toe.....	2
Carbuncle of Leg.....	1	Synovitis Tubercular Knee.....	1
Contusion, Knee.....	5	Tuberculosis of Ankle.....	1
“ Thigh.....	2	Syphilis of Tibia.....	1
“ Foot.....	3	Varicose Veins.....	3
Crushed Ankle.....	1	Ulcers, Simple.....	5
“ Foot.....	1	“ Specific.....	10
“ Knee.....	1	“ Chronic.....	8
Coxitis.....	1	“ Varicose.....	11
Fracture, Patella.....	1	Verruca of Leg.....	1
Furuncle, Leg.....	1	Wounds—	
Hydrocele of Cord.....	1	Lacerated Knee.....	3
Hydrops of Knees, Specific.....	1	“ Leg and Thigh.....	7
Ingrowing Toe-Nail.....	4	Infected Wounds of Leg.....	6
Phlegmon of Foot.....	1	“ “ Knee.....	3
Periostitis of Tibia.....	1	“ “ Thigh.....	2
“ Instep.....	1		

Surgical Out-Patient Clinic.

SECTION II.

PROF. JOHN C. SPENCER; ASSISTANT, DR. JAMES P. H. DUNN.

Report of Cases from April 30, 1898, to April 30, 1899.

HEAD AND NECK.

Abscess of Parotid Region.....	1	Lymphadenitis, Tuberc. of Neck.....	2
“ Maxillary Region.....	1	Sinus of Inferior Maxilla.....	1
“ Neck.....	4	“ Forehead.....	1
Abrasion of Forehead.....	1	Wound, Contused, of Eyebrow.....	1
Adenitis, Sublingual, Subacute.....	1	“ “ Lip.....	1
Carbuncle, “ “.....	1	“ “ Forehead.....	5
Cellulitis, “ “.....	1	“ “ Scalp.....	3
Contusion of Eye.....	1	“ Gunshot, of Eyebrow.....	1
“ Face.....	1	“ Incised, “.....	2
“ Forehead.....	1	“ “ Forehead.....	1
“ Jaw.....	1	“ “ Scalp.....	1
“ Nose.....	1	“ Lacerated of Face.....	6
Cyst, Dermoid, of Scalp.....	1	“ “ Nose.....	5
Fracture of Nasal Bone.....	2	“ “ Scalp.....	22
Gingivitis.....	1		
Hæmatoma, Auris.....	2		

73

CHEST AND BACK.

Carcinoma of Breast.....	1	Lumbago.....	1
Contusion of Back.....	1	Mastitis in Male, Chronic.....	1
“ Chest.....	1	Strain of Chest.....	1
“ Scapular Region.....	1		
Fracture of Rib.....	1		

8

UPPER EXTREMITY.

Abscess, Forearm.....	2	Lymphadenitis, Axillary.....	1
Abrasion of Hand.....	2	Paronychia.....	2
Burn of Hand, 1st degree.....	3	Rupture, Biceps Brach., long tend.	1
" " 2d degree.....	6	Sprain of Forearm.....	2
Bite of Hand.....	1	" Shoulder.....	4
Bursitis, Olecranon bursa, traum.	2	Subluxation of Costal Cartilage..	1
Cellulitis, Olecranon.....	1	Synovitis of Carpus, Syphilitic...	1
Cicatrix, Painful.....	1	Separation, Head of Rad., Epiph.	1
Contusion of Hand.....	3	Whitlow of Finger.....	1
" Shoulder.....	7	Wound, Contused, of Hand.....	4
" Wrist.....	2	" Incised, of Hand.....	9
Dislocation of Shoulder.....	1	" " Forearm.....	2
Dupuytren's Contraction.....	1	" Infected, of Hand.....	23
Felon of Finger.....	3	" " Forearm.....	3
Fracture of Clavicle.....	1	" Lacerated, of Ear.....	1
" Humerus.....	1	" " Finger.....	5
" Metacarpal Bone....	1	" " Hand.....	13
" Olecranon.....	1	" Penetrating Stab.....	1
" Radius (Colle's)....	2		
" Radius (Greenstick)..	1		
Ganglion of Wrist.....	3		120

ABDOMEN AND PELVIS.

Abscess, Perineal.....	2	Hernia, Inguinal, Direct.....	3
" Vulvo-Vaginal.....	2	" Umbilical.....	1
Epididymitis.....	1	Lymphadenitis, Inguinal.....	1
Fistula in Ano.....	2	Sinus, Umbilical, Tuberculosis...	1
Hemorrhoids, External.....	2		
" Internal.....	1		16

LOWER EXTREMITY.

Abrasion of Foot.....	1	Ulcer of Foot.....	2
Anchyllosis of Tarsus.....	1	Wound, Contused, of Foot.....	1
Burn of Foot, 2d degree.....	1	" Incised, of Leg.....	1
Bursitis, Patellar.....	2	" " Foot.....	1
Contusion of Leg.....	4	" Infected, of Leg.....	5
" Hip.....	1	" " Thigh.....	1
Fracture of Leg (Potts').....	1	" " Toe.....	1
Lymphangitis, Subacute, of Leg..	1	" Lacerated, of Leg.....	1
Myalgia of Thigh.....	1	" " Thigh.....	1
Phlebitis of Leg.....	1	" Punctured, of Foot.....	1
Sprain of Ankle.....	4		
Synovitis of Knee, Traumatic....	2		43
Ulcer of Leg.....	8		

SUMMARY.

Head and Neck.....	73
Upper Extremity.....	120
Chest and Back.....	8
Abdomen and Pelvis.....	16
Lower Extremity.....	43

Genito-Urinary Clinic.

PROFS. JOHN M. WILLIAMSON AND JOHN C. SPENCER.

ASSISTANT: CECIL M. ARMISTEAD, M. D.

From May 1, 1898, to May 1, 1899.

Balanitis.....	3	Nocturnal Emissions.....	3
Balano-Posthitis.....	3	Orchitis.....	10
Bubo, Suppurating.....	17	Phimosis.....	15
" Non-Suppurating.....	8	Paraphimosis.....	4
Bladder, Atony of.....	4	Prostatic Hypertrophy.....	10
Chancroidal Ulcers.....	26	Prepuce, Laceration of.....	1
Cystitis, Acute.....	2	Prostatitis, Acute.....	6
" Chronic.....	1	Rheumatism, Gonorrhoeal.....	2
Contusion, Vas. Deferens.....	1	Syphilis, Primary.....	15
Epididymitis.....	20	Urethra, Stricture of.....	12
Gonorrhœa, Acute.....	66	Urethritis, Simple.....	9
" Subacute.....	18	Urethral Fistula.....	1
" Chronic.....	21	Venereal Warts.....	3
" Recurrent.....	3	Varicocele.....	3
Herpes Preputialis.....	10	Undiagnosed, due to refusal to submit to examination.....	3
Hydrocele.....	16		
Hypochondriasis.....	3		
Masturbation.....	1	Total.....	330

Medical Out-Patient Clinic.

SECTION I.

CHIEF OF CLINIC, D. E. F. EASTON, M. D.; ASSISTANT, SANFORD BLUM, M. D.

Gastric Indigestion.....	3	Emphysema.....	3
Atonic Dyspepsia.....	20	Bronchial Asthma.....	9
Flatulent Dyspepsia.....	13	Pulmonary Congestion.....	3
Acid Dyspepsia.....	11	Acute Rheumatism.....	5
Acute Gastritis.....	10	Subacute and Chron. Rheumatism.....	21
Subacute and Chronic Gastritis.....	9	Syphilitic Arthritis.....	11
Gastralgia.....	8	Gonorrhœal Arthritis.....	3
Gastric Cancer.....	2	Arthritis Deformans.....	2
Acute Intestinal Indigestion.....	6	Acute Muscular Rheumatism.....	3
Intestinal Colic.....	3	Subacute and Chron. Mus. Rheum.....	4
Acute Catarrhal Enteritis.....	6	Myalgia.....	11
Chronic " ".....	7	Lumbago.....	17
Acute Gastro Enteritis.....	9	Pleurodynia.....	5
Dysentery.....	1	Acute Nephritis.....	1
Chronic Constipation.....	18	Chronic Interstitial Nephritis.....	4
Tænia Mediocanellata.....	3	Sciatica.....	1
Ascaris Lumbricoides.....	1	Sciatic Rheumatism.....	1
Pseudo-Angina.....	1	Congestion of Liver.....	5
Valvular Disease of Heart.....	38	Hypertrophic Cirrhosis of Liver.....	2
Nervous Hypertrophy of Heart.....	3	Cirrhosis of Liver.....	5
Influenza.....	23	Catarrhal Jaundice.....	4
Acute Laryngitis.....	3	Uric Acid Diathesis.....	1
Acute Bronchitis.....	26	Fibroid Goitre.....	1
Subacute and Chronic Bronchitis.....	42	Lymphadenoma.....	1
Phthisis Pulmonalis.....	26	Acute Alcoholism.....	1
Dry Pleurisy.....	9	Ptomaine Poisoning.....	3
Adhesive Pleurisy.....	2	Typhoid Fever.....	3
Pleurisy with Effusion.....	7	Malarial Infection.....	9

Parotiditis.....	2	Hemicrania.....	1
Occipito Cervical Neuralgia.....	1	Locomotor Ataxia.....	1
Tic-Douloureux.....	1	Obesity.....	1
Facial Paralysis.....	1	Insomnia.....	4
Tarsalgia.....	1	Anæmia.....	2
Mercurial Ptyalism.....	2	Chlorosis.....	1
Iodism.....	1	Plethora.....	1
Plumbism.....	2	Lipoma of Omentum.....	1
Diabetes Mellitus.....	3	Swallowed a \$5 Gold Piece.....	1
Diabetes Insipidus.....	1	Undiagnosed.....	8
Neurasthenia.....	1		
Melancholia.....	1		
Hypochondria.....	1		

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Medical Out-Patient Clinic.

SECTION II.

CHIEF OF CLINIC, J. MORA MOSS, M. D.; ASSISTANT, F. R. DRAY, M. D.

Tabulation of Cases from May 1st, 1898, to April 30th, 1899.

SPECIFIC INFECTIOUS DISEASES.

Erysipelas.....	1	Syphilis.....	3
Influenza.....	12	Tuberculosis of Lungs.....	55
Malaria.....	14	Typhoid.....	4
Malarial Cachexia.....	4		

CONSTITUTIONAL DISEASES.

Arthritis Deformans.....	1	Rheumatism, Chronic & Sub acute	14
Diabetes Mellitus.....	2	“ Muscular.....	28
Myositis.....	1	Senility.....	1
Rheumatism, Acute Articular....	13		

DISEASES OF DIGESTIVE TRACT.

Tonsillitis, Acute.....	3	Dysentery.....	1
Gastritis, Acute Catarrhal.....	6	Appendicitis.....	5
“ Chronic Catarrhal.....	44	Constipation.....	5
Gastric Carcinoma.....	2	Enteroptosis.....	1
Gastro-Enteritis, Acute.....	13	Tænia Mediocanellata.....	1
Nervous Dyspepsia.....	1	Hepatitis, Acute.....	1
Mercysism.....	1	Catarrhal Jaundice.....	1
Enteritis, Acute Catarrhal.....	6	Cirrhosis of Liver.....	3
Sigmoiditis, Acute.....	2		

DISEASES OF RESPIRATORY SYSTEM.

Bronchial Asthma.....	4	Pleuritis Sicca.....	10
Bronchitis, Acute.....	53	“ Sero-Fibrinous.....	2
“ Sub-acute & Chronic..	19	Pneumonia, Croupous.....	5
Coryza.....	2	“ Irregular Lobar....	1
Emphysema.....	2	Hydrothorax.....	1

DISEASES OF HEART AND VESSELS.

Acute Endocarditis.....	6	Chronic Myocarditis.....	10
Chronic Valvular Diseases—		Dilatation of Heart.....	1
Aortic Insufficiency.....	3	Simple Hypertrophy.....	1
“ Stenosis.....	3	Arteriosclerosis.....	9
Mitral Insufficiency.....	5	Aneurism of Aorta.....	1
“ Stenosis.....	1	Varicose Veins.....	2

DISEASES OF THE BLOOD AND THYROID GLAND.

Chlorosis.....	8	Exophthalmic Goitre.....	1
Chlorosis Rubra.....	1		

DISEASES OF THE KIDNEYS AND BLADDER.

Cystitis.....	4	Nephritis, Acute.....	2
Nocturnal Enuresis.....		“ Chronic Interstitial....	2
Renal Calculus.....	2	“ Parenchymatous.....	3

DISEASES OF THE NERVOUS SYSTEM.

Hemicrania.....	4	Neuralgia, Sciatic.....	5
Hypochondriasis.....	4	Neuritis.....	6
Hysteria.....	18	Neurasthenia, General.....	15
Neuralgia, Intercostal.....	14	“ Sexual.....	1
“ Trigeminal.....	4	“ of Climateric.....	1

INTOXICATIONS.

Alcohol.....	2	Tobacco.....	1
Lead.....	2	Opium Habit.....	4

UNCLASSIFIED.

Myositis.....	1	No Diagnosis.....	7
Disorders of Pregnancy.....	2		
Senility.....	1	Total.....	506

Diseases of the Skin.—The clinic for diseases of the skin will be utilized as far as possible for the study of pathology. Disease processes, which in many other branches of medicine are hidden, can be actually seen in a clinic for diseases of the skin. In order to utilize the material to the fullest extent the classes are divided, and Dr. A. B. Grosse takes the third-year class and demonstrates diseases of the skin as much as possible from a physiological and anatomical standpoint, while Prof. D. W. Montgomery takes the fourth-year class and lays particular stress on the pathology.

Diseases of the Skin Out-Patient Clinic.

PROF. DOUGLASS W. MONTGOMERY.

ASSISTANTS, A. B. GROSSE, M. D., ERNEST PRING, M. D.

Acne.....	13	Pityriasis Maculata et Circinata..	3
Alopecia.....	2	“ Rosea.....	1
“ Acreata.....	3	Puritus Ani.....	5
Chancroids.....	18	Psoriasis.....	15
Dermatitis, Medicamentosa.....	3	Puerpeia, Hæophelia.....	1
“ Venenata.....	4	“ Rheumatica.....	2
Eczema.....	77	Pyogenic Infection.....	8
Epithelioma.....	7	Rosacea.....	1
Erysipelas.....	2	Rubella.....	1
Erythema, Nodosum.....	1	Scabies.....	17
“ Simplex.....	5	Seborrhœa, Oleosa.....	4
Ecthyma.....	4	“ Sicca.....	3
Furunculus.....	9	Sycosis Vulgaris.....	4
Herpes, Simplex.....	4	Syphiloderma.....	76
“ Zoster.....	3	Tinea Trichophytina Circinata..	6
Impetigo, Contagiosa.....	14	“ “ “ Tonsurans.....	4
Keloid.....	1	“ “ “ Sycosis.....	2
Keratosis Pilaris.....	14	Tinea Versicolor.....	2
Lepra.....	1	Urticaria.....	7
Lentigo, Maligna.....	1	Ulcus, Simplex.....	12
Lipoma.....	1	Verruca.....	3
Lupus, Erythematosus.....	1	Varicella.....	1
Leucoplakia.....	4	Unclassified.....	19
Pediculosis, Capitis.....	15		

Ophthalmological and Otological Clinic.

From May 1, 1898, to May 1, 1899.

PROFESSOR GEO. H. POWERS.

CHIEF OF CLINICS, DR. GEO. MERRITT.

ASSISTANTS, HUGH LAGAN, M. D., R. H. ORR, M. D., GRACE FEDER, M. D.

ADELINA FEDER, M. D., Clinical Clerk.

DISEASES OF THE EYE.

Conjunctivitis, Acute.....	5	Ophthalmia Neonatorum.....	2
“ Catarrhalis.....	40	Keratitis, Parenchymatous.....	7
“ Follicularis.....	32	“ Phlyctenularis.....	6
“ Phlyctenularis.....	31	Ulcer of the Cornea.....	15
“ Trachomatous.....	4	Abscess of the Cornea.....	6

Panul.....	1	Myopia.....	5
Foreign Bodies.....	23	Myopic Astigmatism.....	3
Scleritis.....	2	Strabismus, Convergens.....	4
Glaucoma, Chronica.....	1	" Divergens.....	2
Choroiditis, Chronica.....	2	Paresis Motor Oculi.....	1
" Disseminata.....	6	Stenosis of the Lachrymal Duct..	15
Iritis, Simplex.....	2	Enlargement of Lachrymal Gland	1
" Chronica.....	4	Hordeolum.....	6
" Specifica.....	16	Chalazion.....	14
" Rheumatica.....	3	Nystagmus.....	4
" Traumatica.....	2	Eczema of the Lids.....	3
Staphyloma, Anterior.....	3	Dacrocystitis.....	1
Staphyloma, Posterior.....	11	Entropium.....	2
Cataracta Matura.....	3	Blepharitis Marginalis.....	20
" Immatura.....	10	Choked Disc.....	1
" Senilis.....	11	Spasm of Accommodation.....	2
" Stellata.....	1	Ptosis.....	1
Luxatio Lentis.....	1	Pappillitis.....	4
Atrophy of the Optic Nerve.....	5	Phthisis Bulli.....	1
Neuritis.....	2	Infection.....	5
Retinitis.....	5	Muscae Volitantes.....	4
" Albuminurica.....	1	Sympathetic Ophthalmia.....	1
" Hemorrhagica.....	2	Mydriasis.....	2
Retinal Detachment.....	4	Pterygium.....	3
Amblyopia Alcoholic.....	7	Traumatism.....	5
Astigmatism.....	15		
Hypermetropia.....	25		437
Hypermetropic Astigmatism.....	11		

OPERATIONS.

Cataract.....	3	Expression Trachoma Follicles...	1
Removal of Foreign Bodies.....	23	Removal of Pterygium.....	3
Incision, Hordeolum.....	6	Grattage.....	3
" Chalazion.....	14		
" Lachrymal Duct.....	10		63

DISEASES OF THE EAR.

Eczema, Auricle.....	1	Contusion Ext. Auditory Meatus..	1
Furunculosis.....	3	Affection of the Auditory Nerve..	5
Aural Polypi.....	2	Inspissated Cerumen.....	42
Otitis, Acute.....	6	Foreign Bodies.....	3
" Externa.....	11	Perforated Tympanum.....	10
" Purulent.....	12	Mastoiditis.....	1
" Media Catarrhalis.....	30	Myringitis.....	1
" Media Sicca.....	14		
Congenital Deafness.....	1		156
Chronic Catarrhal Deafness.....	13		

OPERATIONS.

Removal Foreign Bodies.....	3
Removal Aural Polypi.....	2
Incision Furunculi.....	3
	8

Nose and Throat Clinic.

From January 1 to May 1, 1899.

PROF. GEORGE H. POWERS.

ASSISTANTS: F. B. EATON, M. D., GARDNER P. POND, M. D.

DISEASES OF THE NOSE.

Rhinitis, Simplex.....	4	Deflected Septum.....	10
“ Atrophica.....	6	Enlarged Turbinated.....	21
“ Hypertrophica, Chron..	10	Atrophied Turbinated.....	2
“ Specifica.....	1	Empyema, Frontal Sinus	1
Ozæna	2		
Empyema, Antrum, Highmore...	1	Total	64
Polypi, Nasi.....	6		

OPERATIONS ON NOSE.

Removal Nasal Polypi.....	6
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DISEASES OF THE THROAT.

Pharyngitis, Simplex.....	15	Tonsillitis, Follicular.....	3
“ Chronica.....	7	“ Hypertrophica.....	15
“ Specifica.....	2	Peritonsillar Abscess.....	2
Elongated Uvula.....	3	Paresis, Vocal Cord, Left.....	2
Laryngitis, Acuta.....	18	Adenoids.....	22
“ Specifica.....	1		
“ Tubercular.....	1	Total	92
Tonsillitis, Specifica.....	1		

OPERATIONS ON THROAT.

Amputation Uvula	2
Removal Adenoids.....	18

GRACE SIMON, M. D., Clinical Clerk.

Obstetrical and Gynecological Clinic.

PROF. R. BEVERLY COLE. ASSOCIATE PROF. CHARLES A. VON HOFFMANN.

JAMES F. MCCONE, M. D., CHIEF OF CLINIC.

ASSISTANT: M. B. RYER, M. D.

Number of Cases Treated.....	487
Total Number of Visits	2607

DIAGNOSIS.

Pregnancy, Normal.....	15	Ulcers of the Vulva—	
Abnormal—		Syphilitic, Primary.....	3
Threatened Abortion.....	5	“ Secondary.....	7
Incomplete Abortion.....	3	Imperforate Hymen.....	1
Ectopic Gestation.....	2	Lacerated Perineums.....	13
Vaginitis and Pregnancy.....	3	Abscess of Vulvo-Vaginal Glands	2
Gonorrhœa	5	Inguinal Bubo.....	2
Inguinal Hernia.....	1	Vaginitis, Simple.....	6
Retroflexion.....	2	“ Senile.....	2
Mitral Disease.....	1	“ Gonorrhœal	6
Confinements, Normal	15	Relaxed Vaginal Opening	3
Abnormal—		Post-Operative Vaginal Scars....	2
Puerperal Insanity.....	1	Vaginal Cyst.....	1
Delayed Puberty.....	2	Cystocele.....	5
Menopause	8	Rectocele	3
Vulvitis, Simple.....	4	Recto-Vaginal Fistula	1
“ Diabetic.....	4	Prolapsus Uteri	5
“ Gonorrhœal	8	Anteflexion of the Uterus.....	4

Retroflexion of the Uterus—		Ovarian Cysts.....	2
Simple.....	4	Parametritis.....	4
Adherent.....	3	Peritonitis, Syphilitic.....	1
Retroversion.....	15	Parametritis, Acute.....	1
Endometritis, Simple.....	15	“ Atrophica.....	4
Endometritis, Gonorrhœal.....	5	Urethritis, Gonorrhœal.....	10
“ Hemorrhagic.....	4	Urethral Prolapse.....	2
Endocervicitis.....	17	Caruncle.....	3
Subinvolution.....	1	Periurethral Abscess.....	1
Post-Curettage, Superinvolution..	2	Cystitis, Acute.....	1
Post-Operative Obliteration of		“ Chronic.....	9
Cavity of the Uterus.....	1	Hemorrhoids.....	8
Lacerated Cervix.....	8	Prolapsed Rectum.....	2
Carcinoma of Cervix.....	2	Stricture of Rectum.....	2
Epithelioma of Cervix.....	4	Sigmoid Carcinoma.....	1
Carcinoma of Body of Uterus....	3	Colitis.....	2
Fibroid of Uterus.....	2	Abscess of the Breast.....	2
Infantile Uterus.....	1	Carcinoma of Mammæ.....	2
Salpingitis.....	3	Sexual Perversion.....	1
Tubo-Ovarian Abscess.....	1	Umbilical Hernia.....	1
Oöphoritis.....	5	Sinus after Alexander's Operation	1
Prolapsus Ovarii.....	2	Sinus after Laparotomy.....	1
Parovarian Cysts.....	2		

Diseases of Children Clinic.

SECTION 1.

WM. NATHAN, M. D., CHIEF OF CLINIC.

Anæmia.....	3	Indigestion, Intestinal.....	3
Ascaris Lumbricoides.....	2	Influenza.....	2
Bronchitis, Acute.....	1	Jaundice.....	1
“ Chronic.....	5	Malaria.....	6
“ Tracheo.....	18	Malnutrition.....	4
“ After Measles.....	2	Mitral Regurgitation.....	1
Catarrh, Gastro-Intestinal.....	5	Pericarditis, Subacute Effusion..	1
“ Intestinal.....	2	Rachitis.....	2
Cholera Infantum.....	1	Rheumatism.....	1
Chorea.....	2	Syphilis, Congenital.....	1
Constipation.....	2	Tonsillitis, Acute Follicular....	1
Enuresis Nocturna.....	1	Whooping Cough.....	10
Hysteria.....	2	Undiagnosed.....	6
Indigestion, Gastric.....	1		
“ Gastro-Intestinal....	4	Total Number Cases.....	90

SECTION 2.

FREDERICK R. STARR, M. D., CHIEF OF CLINIC.

Anæmia.....	6	Scarlet Fever.....	1
Debility, General.....	2	Measles.....	2
Malnutrition.....	3	Diphtheria.....	2
Indigestion, Intestinal.....	10	Tonsillitis.....	2
“ Gastric.....	3	Meningitis, Tubercular.....	1
Catarrh, Gastric-Intestinal.....	5	Otitis.....	1
Diarrhœa.....	4	Enuresis.....	3
Bronchitis.....	9	Vaginitis, Specific.....	2
Pneumonia, Lobar.....	2	“ Non Specific.....	1
Emphysema.....	1	Stomatitis, Catarrhal.....	1
Pneumonia, Broncho.....	2	Tumor, Right Rectus.....	1
.....	4	Jaundice, Catarrhal.....	4

Oxyuris Vermicularis.....	2	Cephalalgia.....	1
Ascaris Lumbricoides.....	1		
Rheumatism.....	4	Total Number Patients....	82
Asthma.....	2		

Neurological Clinic.

LEO NEWMARK, M. D., CLINICAL LECTURER ON DISEASES OF THE NERVOUS SYSTEM. ASSISTANT: EDWARD VON ADELUNG, JR., M. D.

Chorea.....	3	Defective Speech, Developmental	1
Tabes.....	6	Idiocy.....	1
Epilepsy.....	5	Hysteria, Major.....	1
Hystero-Epilepsy.....	1	Traumatic Neurosis.....	1
Wing Scapula.....	1	Lordosis.....	1
Unilateral Facial Paralysis.....	2	Dementia.....	1
Paralysis Agitans.....	2	Concussion of Brain.....	1
Hemiplegia.....	1	Acute Anterior Poliomyelitis.....	1
Neurasthenia.....	8	Trigeminal Neuralgia.....	1
Brachial Paralysis.....	1	Incomplete Diagnosis.....	7
Pressure Paralysis.....	1		
Ophthalmoplegia.....	1		48

Orthopedic Clinic.

Report of Cases from April 30, 1898, to April 30, 1899.

PROF. HARRY M. SHERMAN.

CHIEFS OF CLINIC: DRs. SAMUEL J. HUNKIN AND HENRY DU R. PHELAN.
ASSISTANTS: DRs. JOHN J. FLOOD AND ELEANOR M. STOW.

	New Cases.	Cases Continued From Last Year.	Total Number of Cases Treated.	Under 3 Years of Age.	From 3 yrs. to 10 yrs.	From 10 yrs. to 20 yrs.	Over 20 Years.	Discharged Cured.	Discharged Relieved.	Referred or Sent to Children's Hospital.	Not Treated.	Died.	Cases Continued.
Vertebral Tuberculosis.....	15	18	33	4	21	6	2	..	2	6	4	..	21
Hip Joint Tuberculosis.....	10	18	28	2	14	11	1	4	1	8	..	..	15
Knee Joint Tuberculosis.....	8	7	15	..	9	6	..	..	3	1	3	..	8
Ankle Joint Tuberculosis.....	4	..	4	..	2	1	1	..	2	..	1	..	1
Shoulder Joint Tuberculosis.....	1	..	1	..	..	1	..	..	..	..	1	..	..
Wrist Joint Tuberculosis.....	2	..	2	1	..	..	1	..	..	..	..	1	1
Antero-Polio-Myelitis.....	4	2	6	2	3	1	..	..	4	..	..	..	2
Spastic Paralysis.....	1	1	2	..	2	..	..	..	..	..	..	..	2
Scoliosis.....	5	1	6	..	1	5	..	..	..	..	1	..	5
Torticollis.....	2	..	2	..	1	1	..	2	..	..	2	..	..
Genu Valgum.....	5	3	8	..	1	4	3	4	..	..	3	..	4
Rachitic Deformities of Legs.....	3	1	4	2	1	..	1	1	..	2	..	..	1
Talipes Equino Varus.....	6	2	8	2	4	..	2	1	1	2	..	..	4
Talipes Valgus.....	5	3	8	..	1	4	3	4	..	..	3	..	4
Congenital Dislocation of Hips.....	5	..	5	..	5	..	..	..	..	5	1	..	..
Miscellaneous.....	11	3	14	2	3	5	4	3	1	..	6	..	4
	87	59	146	15	68	45	18	19	14	24	25	1	72

LABORATORY OF CLINICAL MICROSCOPY.

During the past year regular courses have been given in clinical microscopy. These have included examination of the blood by the latest methods, examinations of sputum, urine, transudates, exudates, semen, vaginal and urethral discharges, milk, material from throat for diphtheria bacilli, gastric contents, feces, etc.

The following examinations have been made for the clinicians during the past year:

Examination of Urine.....	640	Examination, Cultural.....	27
“ Sputum.....	177	“ of Semen	5
“ Morbid Growths..	46	Examination of Hair and Skin	
“ Blood.....	63	Scrapings.....	21
“ Gastric Contents.	19	Examination of Pus.....	24
“ Feces	5	“ Trichinous Pork..	1
“ Urethral Disch'ge	60		
“ Vaginal Disch'ge	54		
“ Milk	11		1153

H. A. L. RYFKOGEL, M. D., Director.

MUSEUM

During the past year about fifty new specimens have been added to the collection in the museum. By the beginning of the following college year, the specimens at present on hand will be completely arranged and indexed by means of an index catalogue system to which students will have access a certain number of days a week.

H. A. L. RYFKOGEL, M. D., Assistant Curator.

TEXT-BOOKS AND BOOKS OF REFERENCE

- ANATOMY.**—Gray (13th Ed.), Clark and Lockwood's Dissector, Holden, Treves' Applied Anatomy. Reference: Morris, Quain, Weisse, Macalister.
- PHYSIOLOGY.**—Foster, American Text-book of Physiology.
- HISTOLOGY.**—Stoehr, Schaeffer, Stirling, Piersol. Reference: Koelliker, Toldt.
- CHEMISTRY.**—Luff's Manual of Chemistry, Witthaus' Laboratory Manual, Richter's Organic Chemistry. Reference: Remsen's Advanced Inorganic Chemistry, Pellew's Medical and Physical Chemistry.
- PHYSICS.**—Daniell's Medical Physics.
- MATERIA MEDICA.**—Butler's *Materia Medica*, White's *Materia Medica*, U. S. Dispensatory.
- PATHOLOGY.**—Ziegler (Trans. from 8th German Ed.) Delafeld-Prudden, Gibbes. Reference: Birch-Hirschfeld, Klebs.
- THERAPEUTICS.**—Hare, Shoemaker's *Materia Medica and Therapeutics*. Reference: Bartholow, Brunton, Wood, Ringer, Edes.
- HYGIENE AND MEDICAL JURISPRUDENCE.**—The Students' Hand-book of Forensic Medicine and Medical Police, Husband; Practical Hygiene, Parkes; Manual of Medical Jurisprudence, Taylor.
- PRACTICE OF MEDICINE.**—Osler, Tyson, Wood and Fitz, Lockwood, Anders. Reference: American System of Practical Medicine, Twentieth Century Practice.
- CLINICAL MEDICINE.**—Da Costa, Flint, Purdy's Practical Urinalysis, Hare's Diagnosis.
- SURGERY.**—Walsham, Ashhurst, Treves' System. Reference: Erichsen and Senn, Park's Surgery by American Authors.
- OBSTETRICS.**—American System of Obstetrics; Practical Obstetrics by Grandin and Jarman; Playfair; Lusk.
- GYNECOLOGY.**—Clinical Gynecology by Keating and Coe; American Text-book of Gynecology.
- NERVOUS DISEASES.**—Gray. Reference: Gowers, Hamilton, Dana, Strumpell.
- MENTAL DISEASES.**—Gray. Reference: Spitzka, Clouston, Maudsley, Bucknall and Tuke.
- OPHTHALMOLOGY.**—Swanzy. Reference: Noyes.
- OTOLOGY.**—Roosa. Reference: Gruber.
- RHINOSCOPY AND LARYNGOLOGY.**—Bosworth. Reference: Burnett's System.
- DISEASES OF THE SKIN.**—Jackson. Reference: Diseases of the Skin, Radcliffe-Crocker.
- PEDIATRICS.**—L. Emmett Holt, Lewis Smith, Goodhardt.
- TOXICOLOGY.**—Blyth on Poisons.
- URINE ANALYSIS.**—The Urine in Health and Disease, Black.
- PRESCRIPTION WRITING.**—Thornton's Manual.
- DICTIONARY, MEDICAL.**—Dunglison.

GRADUATES, 1899

Samuel Richard Arthur.....	Stockton, California
Rachel Leona Ash, B. S.....	San Francisco, California
Thomas James Clark.....	Gilroy, California
John Adams Colliver, A. B.....	San Bernardino, California
Edgar Meyer Dinkelspiel, Ph. B.....	San Francisco, California
George Elliott Ebright.....	Millbrae, California
Mark Lewis Emerson.....	Mountain View, California
Milton Washington Franklin.....	San Francisco, California
Donald Jackson Frick.....	Los Angeles, California
Samuel James Gardner.....	San Francisco, California
Allen Francis Gillihan.....	Berkeley, California
Harrington Bidwell Graham, B. S.....	Chico, California
Walter Joseph Henesey.....	Sacramento, California
Paul Ruhnke Lanz.....	Oakland, California
Robert Thomas Legge, Ph. G.....	San Francisco, California
Charles Forester Millar.....	Dixon, California
Bernard Francis McElroy, A. B.....	Oakland, California
Silvio Joseph Onesti, Ph. G.....	San Francisco, California
Saxton Temple Pope.....	Angel Island, California
Vida Redington, B. S.....	Oakland, California
Edward James Rice.....	Oakland, California
William Emerson Stevens.....	San Francisco, California
George Lawrence Stevenson, A. B.....	Pittsburg, Pennsylvania
James Edward Taylor, B. S.....	Weaverville, California
Oscar Nettleton Taylor, A. B.....	Belmont, California
Gustavus Adolphus Weyer, D. D. S.....	Modesto, California
Emma Wightman.....	San Francisco, California
William Patten Willard.....	Oakland, California

MATRICULANTS, 1898-1899

Harry Everett Alderson.....	San Francisco, California
Edgar Allen Arthur.....	Stockton, California
Samuel Richard Arthur.....	Stockton, California
Rachel Leona Ash, B. S.....	San Francisco, California
† Joseph Leol Azevedo, B. S.....	Sacramento, California
David Eugene Bacigalupi.....	San Francisco, California
Benjamin Bakewell, B. S.....	Oakland, California
William Baumgarten, Ph. G.....	Tehama, California
† Ignatz Beck, Ph. G.....	San Francisco, California
Wilfred Fenton Beerman, Ph. G.....	San Francisco, California
Phillip August Bill.....	San Francisco, California
David William Brown.....	Clements, California

† Not in attendance.

Robert Edward Braden.....	Centerville, California
Emma Buckley.....	San Jose, California
†Filiberto Everado Cadena.....	San Francisco, California
William Charles Chilson.....	Fallbrook, California
Thomas James Clark.....	Gilroy, California
John Adams Colliver, B. A.....	San Bernardino, California
James Warren Conlin.....	San Francisco, California
Millicent Mary Augusta Cosgrave.....	San Francisco, California
Emma Fielding Daniel, B. S.....	San Francisco, California
Marguerite Deininger.....	Alameda, California
Walter Murray Dickie, Ph. B.....	Riverside, California
Edgar Meyer Dinkelspiel, Ph. B.....	San Francisco, California
John Gapen Donaldson, Ph. G.....	Oakland, California
Dora Ida Dorn.....	San Francisco, California
Ernestine May Doychert.....	San Francisco, California
Ralph Orland Dresser.....	Paso Robles, California
George Elliott Ebright.....	Millbrae, California
Mark Lewis Emerson.....	Mountain View, California
May Charlotte Faas.....	San Francisco, California
Edgar James Farrow.....	San Francisco, California
Manuel Fernandez.....	Pinole, California
John Nivison Force, B. S.....	Berkeley, California
Ernest Charles Foster.....	Oakland, California
Milton Washington Franklin.....	San Francisco, California
Donald Jackson Frick.....	Los Angeles, California
Samuel James Gardner.....	San Francisco, California
Allen Francis Gillihan.....	Berkeley, California
Charles Raymond Gleason.....	San Leandro, California
†Antonio Francis Gonzales.....	San Francisco, California
Harrington Bidwell Graham, B. S.....	Berkeley, California
†Antonio Angelo Guatelli.....	San Mateo, California
William Harvey.....	San Francisco, California
Frank Revere Henderson.....	Merced, California
Walter Joseph Henesey.....	Sacramento, California
Blanche Van Heusen.....	Sacramento, California
Reuben Chandler Hill.....	Berkeley, California
Harold Phillips Hill, B. A.....	Redlands, California
*Alexander Felix Holland.....	
Rutherford Buchard Irones.....	San Francisco, California
Madeline E. Johns.....	San Francisco, California
Elizabeth Frances Joyce.....	San Francisco, California
Georges Juilly, B. S.....	San Francisco, California
Daniel William Kamp.....	Petaluma, California

† Not in attendance.

* Deceased.

Francis Bailey Kane.....	San Francisco, California
Mary Frances Kavanagh.....	Vallejo, California
†Emmet Carlin Keane.....	San Francisco, California
Bernard John Klotz.....	Vallejo, California
Ostroilo Stanislaus Kucich.....	San Francisco, California
Samuel Walter Ross Langdon, Jr., B. A.....	Stockton, California
Paul Ruhnke Lanz.....	Oakland, California
Julia Pauline Larson.....	Council Bluffs, Iowa
Clyde Briggs Laughlin.....	Santa Rosa, California
Adelebert Watts Lee.....	Carson City, Nevada
Robert Thomas Legge, Ph. G.....	San Francisco, California
John Herbert Leimbach.....	Sacramento, California
†Charles Fisher Lemmon, D. D. S.....	San Francisco, California
Birney Alexander Lendrum.....	San Jose, California
Milton Byrne Lennon, A. M.....	San Francisco, California
John Vaughan Leonard.....	San Francisco, California
William Kinkade Lindsay, Jr.....	Sacramento, California
Rudolph Ignatius Longabaugh.....	San Francisco, California
†William Jay Loveland, Ph. G.....	San Francisco, California
Robert Hausen Madsen, B. A.....	Palo Alto, California
Thomas Michael Maguire, B. A.....	San Francisco, California
Ergo Alexander Majors.....	Alameda, California
George Jewett McChesney, B. A.....	Oakland, California
Florence McCoy, B. S.....	Oakland, California
Bernard Francis McElroy, B. A.....	Oakland, California
Arthur Thomas McGinty.....	San Francisco, California
William Garrett McGuire.....	Sacramento, California
Arthur Merrill McIntosh.....	Lovelock, Nevada
William Joseph McKinley.....	Forest Hill, California
Thomas Reid McNab.....	Riverside, California
William Fletcher McNutt, Jr., B. S.....	San Francisco, California
Joseph Frank Meagher, B. A.....	San Francisco, California
Caroline Stow Merwin.....	Oakland, California
John Herman Meyer.....	San Bernardino, California
Charles Forester Millar.....	Dixon, California
Mark Leonard Miner.....	Berkeley, California
Tadataro Miyabe.....	Japan
William George Moore.....	Healdsburg, California
Frederic Lincoln Morong.....	San Francisco, California
Dan Hazen Moulton.....	Oakland, California
William James Murphy.....	San Francisco, California
John Crockett Newton, Ph. G.....	San Francisco, California
May Elizabeth Nolan.....	Oakland, California
James Ignatius O'Dea, B. A.....	San Francisco, California

† Not in attendance.

Silvio Joseph Onesti, Ph. G.....	San Francisco, California
Peter Opswig, B. A.....	San Francisco, California
†Parson Hoag Parkhurst.....	Berkeley, California
Harry Elwin Piper.....	Santa Cruz, California
Saxton Temple Pope.....	Angel Island, California
†Jesse Ransom Powell.....	Healdsburg, California
Matthew Denis Pratt.....	Napa, California
James Fowler Pressley.....	Santa Rosa, California
George Philip Purlenky, Ph. G.....	San Francisco, California
Vida Redington, B. S.....	San Francisco, California
Eugene Crowell Reilly, Ph. G.....	Oakland, California
George Frederick Reinhardt, B. S.....	Berkeley, California
Edward James Rice.....	San Francisco, California
Romeo Richmond Root.....	Tempe, Arizona
†Carrie Rosenberg.....	San Francisco, California
Albert Rosenow.....	San Francisco, California
Raymond John Russ, B. S.....	Oakland, California
Louis Victor Saph, B. L.....	San Jose, California
Spiro Sargentich, Ph. B.....	Montenegro
Lionel Samuel Schmitt.....	San Francisco, California
James Walter Seawell.....	Healdsburg, California
Kaname Shimada.....	Japan
Haydn Mozart Simmons, Ph. G.....	San Francisco, California
Frank William Simpson.....	Berkeley, California
Hudson Smythe.....	Stockton, California
†Peter John Sorocco, B. S.....	Oakland, California
David Stafford.....	Redwood, California
William Emerson Stevens.....	San Francisco, California
George Lawrence Stevenson, B. A.....	Pittsburg, Pennsylvania
John Francis Sullivan, B. S.....	San Francisco, California
George Joseph Sweeney.....	Petaluma, California
George William Sweetser, Ph. G.....	San Francisco, California
Fred Hugh Van Tassel.....	Glendora, California
James Edward Taylor, B. S.....	Weaverville, California
Oscar Nettleton Taylor, B. A.....	Belmont, California
Leon Walter Teaby.....	Geyserville, California
Fred Henry Tebbe.....	San Francisco, California
Benjamin Thomas, A. M.....	Palo Alto, California
Edward Topham.....	Milpitas, California
Lewis Lea Thompson.....	Gridley, California
Joseph Michael Toner.....	San Francisco, California
Theodora Elliott Vassault.....	San Francisco, California
Herbert Charles Watts.....	San Francisco, California

† Not in attendance.

Emmet Leroy Wemple, Jr.....	San Francisco, California
Gustavus Adolphus Weyer, D. D. S.....	Modesto, California
† John Lysander White.....	Sacramento, California
Emma Wightman.....	San Francisco, California
Edwin Milton Wilder, B. L.....	Oakland, California
William Patten Willard.....	Oakland, California
Chester Howard Woolsey, B. S.....	Berkeley, California
Una Yone Yanagisawa, B. L.....	Japan

† Not in attendance.

COMPLETE LIST OF GRADUATES

Abrahm, Henry, D. D. S.....	1898	Booth, John Richard.....	1894
Addington, D. M.....	1879	Borchers, Bertha, B. L.....	1897
Adelung, Edw. von, Jr., B.S....	1892	Bordé, Henry J.....	1883
Aird, John W.....	1893	Botsford, Mary E.....	1898
Alexander, Monroe E.....	1888	Boyes, Wm. J. R.....	1896
Allen, Clifford E.....	1896	Bradbury, George F.....	1876
Allen, Edward O.....	1875	Brannan, J. J.....	1876
Anderson, Helen O.....	1896	Brierly, Conant B.....	1876
Anderson, J. A.....	1873	Bromly, R. L.....	1882
Anderson, Winslow.....	1884	Broughton, Geo. A.....	1896
Armistead, Cecil M.....	1896	Brown, Ernest S.....	1886
Armistead, Howell V.....	1885	Brown, Geo. J.....	1876
Arthur, Samuel Richard.....	1899	Browne, Augustus F.....	1895
Ash, Rachel Leona, B. S.....	1899	Bruguiere, Peder Sather.....	1898
Bacigalupi, Louis D.....	1896	Bruns, W. C.....	1878
Badilla, Jose Crisanto.....	1895	Buckley, Vincent P.....	1884
Baker, Henry A.....	1891	Bunker, Robert E.....	1889
Baldwin, Robert O.....	1885	Bunnell, Edwin, A. B.....	1894
Barbat, John H., Ph. G.....	1888	Burchard, L. S.....	1882
Barbat, William B. F.....	1895	Burnham, Clark J.....	1891
Barber, Edward T.....	1866	Burnham, William P.....	1896
Bartlett, Cosam Julian.....	1898	Bussenius, L. M. (D'Ancona)...	1892
Bates, Charles B.....	1868	Cadwallader, Rawlins, A. M....	1893
Bates, Walter E.....	1881	Caglieri, Guido E., B. S.....	1892
Beardsley, E. M.....	1881	Cairns, John C.....	1876
Beaumeister, B. H.....	1882	Calbreath, John F.....	1875
Beck, Henry M.....	1896	*Caldwell, H. H.....	1880
Beede, Wm. M. S.....	1884	Caldwell, Robert.....	1869
Bell, William Lisle.....	1898	Callaghan, D. T.....	1873
*Benedict, C. W.....	1875	Callaway, Edwin.....	1898
Berndt, Richard M. H.....	1893	Cameron, Howard McD.....	1896
*Bettleheim, A. F.....	1880	Cameron, James S.....	1868
Biggs, F. P.....	1874	Chace, Wm. D'A.....	1896
Biggs, M. H.....	1870	*Chaigneau, V. A.....	1876
*Blake, Chas. M.....	1876	Churchill, Leonard.....	1871
Blake, Charles R.....	1891	Chalmers, Wm. P.....	1886
*Blake, James W.....	1874	Clark, George Waverley.....	1894
Blum, Sanford.....	1896	Clark, J. J.....	1869
Bond, Fred. T., Ph. G.....	1890	Clark, Thomas James.....	1899

* Deceased.

Clark, Wm. D.....	1884	Estes, Melvin B.....	1888
Cleary, Stephen, Ph. G.....	1894	Evans, C. W.....	1881
Clinton, C. A.....	1881	Falck, Millicent E.....	1893
Cluness, Wm. R., Jr.....	1887	Feder, Adelina M.....	1895
Cochran, W. A.....	1869	Feder, Grace.....	1896
Coe, Leonard H.....	1896	Felt, Rae.....	1890
*Collins, Addison C.....	1885	Fenn, C. N.....	1865
Collischonn, Philip.....	1891	Fine, Andrew.....	1866
Colliver, John Adams, A. B.....	1899	Fine, Henry M.....	1898
Conlan, Wm. H.....	1886	Fitzgibbon, Frank Timothy.....	1894
*Connolly, John J.....	1878	Fleming, Bartholomew F.....	1893
Connolly, Thos. E.....	1884	Flesher, Frederick C. G.....	1893
Conrad, David A.....	1893	Flood, John J.....	1895
Cook, Frank S.....	1887	*Foote, Gilbert.....	1879
*Corbett, S. J.....	1868	Ford, Campbell.....	1891
Cothran, A. Lincoln.....	1893	Foreman, Francesca I.....	1889
Cox, Rosamond L.....	1888	Fottrell, Michael J.....	1887
Cox, Thomas F.....	1896	*Foulkes, J. F., Jr.....	1880
*Cox, Thos. H.....	1873	Franklin, Milton Washington.....	1899
Crees, Robert.....	1894	Fraser, S. J., A. B.....	1892
Crook, Emma (McKay).....	1892	Freeman, Charles Henry.....	1894
Crowley, Thomas J., Ph. G.....	1898	Freeman, Ernest M., A. B.....	1893
Curl, Holton C.....	1897	Frick, Donald Jackson.....	1899
Curran, Mary K. (Brandegre).....	1878	Frick, Euclid B.....	1888
Damour, Ferdinand.....	1864	Frost, James.....	1877
D'Ancona, Arnold A., A. B.....	1884	Gale, Herbert A.....	1879
Davidson, Joseph R.....	1875	Gall, Alexander M.....	1893
Davie, J. C., Jr.....	1864	Gallwey, John.....	1885
*Dawson, Alson.....	1875	Gardner, Samuel James.....	1899
Day, John G.....	1884	Gates, Frank H.....	1884
Dean, Andrew J.....	1881	Giannini, Atilio H., A. B.....	1896
Delmont, Francis.....	1874	Gilham, G. W.....	1881
*Dennis, Nathan P.....	1888	Gillihan, Allen Francis.....	1899
DePuy, Anson A.....	1881	Giroux, Edward D.....	1898
DePuy, Edward Spence.....	1894	Glaze, George I.....	1887
Dickerson, Clarence Fitzhugh.....	1894	Gleaves, Christopher C.....	1889
Dinkelspiel, Edgar M., Ph. B.....	1899	Glover, Cosmos A.....	1893
Dodge, H. Washington.....	1884	Graham, Harrington B., B. S.....	1899
*Downs, George W.....	1879	Grattan, E. L.....	1881
Drinkhouse, E. J. C.....	1865	Gray, Robt. F., D. D. S.....	1895
Driscoll, Edward P., Ph. G.....	1891	Greth, August.....	1894
*Dubois, A. L.....	1864	Gros, Edward.....	1865
Dudley, Frank W.....	1895	*Guilemard, A. J.....	1878
Dufficy, Geo. W.....	1898	*Hackett, John.....	1869
Dunbar, Arthur W.....	1891	Haile, C. S.....	1867
*Duncan, S. C.....	1877	*Hampton, James E.....	1871
Dunn, James P. H., S. B.....	1888	*Handy, J. C.....	1864
Dunn, William D., B. Sc.....	1897	Hansen, Thomas C.....	1867
Easton, Daniel E. F.....	1895	Happersberger, Albert K., A. B.....	1888
Ebright, George Elliott.....	1899	Harmon, R.....	1879
*Emerson, Horatio B., Ph. G.....	1895	Harrigan, Jos. T.....	1896
Emerson, Mark Lewis.....	1899	Harris, Thomas W.....	1875
*Enright, Chas. M., A. B.....	1884	Haskins, Wm. H.....	1889
Eppinger, Rose (Sharp).....	1895	Hawkins, Wm. J.....	1890

* Deceased.

Hay, Wm. G.....	1895	LeFevre, J. P.....	1881
Heavitt, Granville.....	1866	Legge, Robert Thomas, Ph. G.....	1899
Henesey, Walter Joseph.....	1899	Leland, Thomas B. W.....	1894
Heinemann, J. M.....	1877	*Lewitt, F. A.....	1878
Heller, Clarence L.....	1895	*Lindenberger, W. H.....	1876
Helms, Geo. L.....	1895	Linforth, Grace S.....	1898
Hickey, Thomas A.....	1897	Lingo, Marin B.....	1866
*Hicks, Young E.....	1874	Lonigo, Emil F.....	1883
Hill, Edward John.....	1894	Lord, Franklin F.....	1880
Hill, Howard S.....	1898	Lovett, Wm. B.....	1883
*Hodgdon, W. H. A.....	1876	Lowe, Fred. W.....	1892
Holmes, Edw. R.....	1889	Lucchetti, Victor F., Ph. G.....	1898
Holmes, Thomas Blakeney.....	1894	*Lundborg, Gustaf W.....	1883
*Hook, Walter E.....	1879	Lustig, Daniel D., Ph. G.....	1885
Hopkins, Edw. K.....	1895	Lutz, Frederick A.....	1895
Hopkins, T. P.....	1880	*Lyford, L. Dexter.....	1872
Horton, E. Shelton.....	1893	MacCallum, Hammond J.....	1895
Howard, Katherine L.....	1885	Macdonald, James M.....	1891
Howard, Wm. D.....	1887	MacInnis, Martin B.....	1894
Howell, H. H.....	1879	Mackenzie, J. H.....	1870
Hughes, Jerome A.....	1883	Maguire, Charles S., B. S.....	1893
*Hughes, L. J.....	1879	Maher, Thomas D., B. Sc.....	1886
Hull, James P.....	1895	Maloon, Clarence La F., B. Sc.....	1896
Hulse, Clarence H.....	1893	Mann, Chas. S.....	1890
Hunkin, Sam. J.....	1890	Martineaut, E. D.....	1873
Huntington, Samuel D., B. A.....	1897	*Martinez, John M.....	1890
Hyde, George E.....	1895	Marx, Frances R (Greene).....	1889
Johnstone, A.....	1879	Mason, Benjamin F.....	1875
Johnstone, Ernest K.....	1892	Mather, Squire R.....	1889
Jones, Ottiwell W.....	1889	Matthewson, J. M.....	1882
Joseph, Simon E.....	1877	Mayer, Oscar J., Ph. G.....	1889
Judell, Malvina I.....	1898	Mays, Arthur H.....	1887
Katsuki, Ichitaro.....	1896	Mays, William H.....	1873
Kawakami, Masayasu.....	1889	McCarthy, Charles F.....	1893
Keane, George B.....	1875	McColl, G. F.....	1877
Keenan, Alex S.....	1898	McCone, Jas. F., B. S.....	1892
Kellogg, Wilfred H., Ph. G.....	1896	McCormack, Herbert F., A. B.....	1876
Kearney, Jas. F.....	1896	*McCoy, Juan W.....	1884
Kelly, John L.....	1884	McCulloch, Thomas A.....	1895
Kingsley, Thomas H.....	1886	McCullough, Frank E.....	1894
*Kirby, William T.....	1891	McDermott, Wm. P.....	1874
Kirchhoffer, Frederick.....	1887	McDonald, J. J.....	1877
*Kirkpatrick, C. A.....	1871	McElroy, Bernard F., A. B.....	1899
Kirkwood, J. W.....	1876	McGettigan, Chas. D., A. B.....	1896
Kobayashi, Sankio.....	1887	*McGuire, Lucius.....	1868
Kosbue, A. Emil.....	1875	McKnight, Nellie M.....	1894
Kugeler, Henry, B. A.....	1890	McLaughlin, M. A.....	1878
Kurtz, Joseph.....	1875	McLaughlin, Alfred.....	1896
Lagan, Edward.....	1891	*McLean, John T.....	1887
Lagan, Hugh.....	1893	McLean, Murdoch.....	1897
Lanz, Paul Ruhnke.....	1899	McLean, Robert A.....	1874
Lartigau, August L. J.....	1896	McMahon, Frank A.....	1897
Laidlaw, Horace.....	1880	McMurdo, John R., Ph. G.....	1891
Lee, Arthur S.....	1896	Menefee, Joseph S.....	1898

Mervy, Emile C.....	1883	Pawlicki, Casimir F., B. Sc.....	1894
Merritt, G. W.....	1882	Payne, J. R.....	1882
Meyer, Albert G.....	1890	Perrault, Edward L.....	1885
Meyers, R. C.....	1880	Pescia, Joseph.....	1877
Millar, Charles Forester.....	1899	Petrie, Frank B., Ph. G.....	1891
Miller, Chas. F.....	1874	Phelan, Henry du R.....	1893
Miller, John A.....	1875	Plant, Benj. A.....	1886
Milton, Joseph L.....	1891	*Plummer, Richard H.....	1866
Minor, John F.....	1876	Pond, Gardner P.....	1895
Mohun, Chas. C., Ph. G.....	1890	Pond, Henry M.....	1880
Moloney, James John, Ph. G.....	1891	Pond, M. B.....	1864
Moody, Mary W.....	1882	Pope, Horace E.....	1876
Morgan, Chas. L., A. B., Ph. G.....	1896	Pope, Saxton Temple.....	1899
Morgan, F. F.....	1881	Powell, J. M.....	1876
Morrill, Augustus L.....	1887	Pressley, J. B.....	1882
Morrisey, Joseph Grant.....	1894	*Prevost, J. Renny.....	1866
Morrison, Mary E.....	1894	*Pruett, J. A.....	1878
Morrow, Howard.....	1896	Putnam, Victor E.....	1896
Morse, Fred. W.....	1891	*Quinlan, Albert P.....	1876
*Muentzer, Henry.....	1882	Rantz, Stephen H.....	1893
Muller, H. E.....	1880	Rathbun, Geo. T.....	1892
Müller, Friedrich C.....	1898	Reardan, T. B.....	1882
Murphy, James D.....	1896	*Reardon, Wm. E.....	1887
Muscott, Brayton.....	1896	Redington, Vida, B. S.....	1899
Nast, J. E.....	1895	Reed, Clarence E.....	1883
Nelson, John A.....	1892	*Reich, George A.....	1877
Newman, Alfred A. B.....	1896	Reith, Fenelon M.....	1894
*Newmark, Valentine.....	1868	Reynolds, George E.....	1877
Nichols, Theodore A.....	1885	Rice, Edward James.....	1899
Noble, John A.....	1888	Richardson, J. A.....	1866
Noble, Mary L.....	1896	Riley, J. S.....	1883
Nottage, George E.....	1874	Rinne, Frederick A.....	1895
Nuttall, George H. F.....	1884	Robertson, John W.....	1880
O'Brien, Aloysius P.....	1889	*Robinson, Luke.....	1867
O'Brien, John Henry.....	1896	Roche, Thos. B., Ph. G.....	1898
O'Brien, John Thomas.....	1896	Rochex, Joseph.....	1896
Ogdon, Geo. W.....	1892	Root, Corydon B., D. D. S.....	1894
Oldenbourg, Louise A.....	1897	Rorke, James.....	1876
Olds, Wm. H.....	1881	Rucker, H. N.....	1870
Oliver, Joseph A.....	1889	*Rupe, Samuel H.....	1868
Olsen, Marie C. (Sommerfeldt).....	1891	Ryer, Marshall B.....	1896
O'Malley, Wm. H. I.....	1896	Ryfkogel, Henry A. L.....	1894
*O'Neill, A. A.....	1867	Sabey, L. A.....	1880
*O'Neill, J. C.....	1873	Sage, H. T.....	1878
Onesti, Silvio Joseph, Ph. G.....	1899	Sanborn, Franklin H.....	1892
Orr, Robert H.....	1896	Sanborn, William K., Ph. G.....	1893
Osler, Chas.....	1878	Sankey, Mary J.....	1895
*Oviedo, Louis P., A. B.....	1891	Sawyer, H. C.....	1881
Painter, Geo. L., Ph. G.....	1896	Schmels, Charles J., Ph. G.....	1895
Park, Theorilda C.....	1887	Schnabel, Martin.....	1873
Parkman, Wallace E.....	1896	Scholl, Albert J.....	1890
Partsch, Herman.....	1884	Scholl, Albert L., Ph. G.....	1884
Paton, Chas. J.....	1883	Schrader, Sydney H.....	1883
Patterson, T. J.....	1882	Scott, Arthur W.....	1879

Scott, Florence.....	1896	Tevis, Henry L.....	1887
Seavey, L. T.....	1878	Thompson, James Goodwin....	1894
Seawell, John I.....	1870	Thorpe, Lewis S.....	1896
Seawell, Thomas H.....	1876	Thrasher, Marion.....	1890
Selling, Nathalie.....	1894	Tiffany, Edward V.....	1894
*Sellon, Anna F.....	1881	Tillman, Frank J.....	1898
*Senter, Elizabeth S.....	1882	Tobriner, Oscar, D. D. S.....	1898
Shannon, James.....	1887	*Toland, Charles A.....	1869
Sharp, James Graham, D.D.S.	1894	*Trafton, William A.....	1895
Sheets, John H.....	1881	Trask, Henry C., Ph. G.....	1896
Shellhouse, E. J.....	1875	Trevino, Alberto.....	1896
Shelton, Thomas W.....	1867	Trew, Niel C.....	1898
Sherman, Elenora S.(Yelland)	1884	Tuggle, Samuel P.....	1889
Shuey, Sarah I.....	1878	*Turner, J. T.....	1869
Sichel, Gust. W.....	1876	Tuttle, H. P.....	1869
Sime, Neli A.....	1894	Urban, Kurt.....	1883
Simon, Grace.....	1893	Villain, Albert J., Ph. G.....	1895
Simon, Jules A.....	1875	Voigt, W. C.....	1879
*Sims, John Marion.....	1891	Von Buelow, F.....	1877
Smith, George S.....	1879	Wade, Mark S.....	1889
Smith, Harvey F.....	1894	Waller, Newton B.....	1896
Smith, T. H.....	1876	Walz, G.....	1868
Smith, Weston O.....	1891	Wanzer, L. M. F.....	1876
Smith, William P.....	1875	Warner, James Kyle.....	1891
Soboslay, Julius.....	1886	Watanabe, Tey.....	1887
Sparkes, Agnes.....	1879	*Waters, John W.....	1874
Spring, Charlotte B.....	1890	Wayson, James T.....	1891
Stafford, John T.....	1896	Webber, J. S.....	1869
*Stanton, James.....	1882	*Weeks, F. L.....	1864
Steely, John.....	1875	Weiss, E. M.....	1877
Stern, Arthur A., Ph. G.....	1896	Welch, W. P.....	1864
Stevens, William Emerson.....	1899	Weyer, Gustavus A., D. D. S..	1899
Stevenson, G. Lawrence, A. B.	1899	Wheaton, S. P.....	1877
Stevenson, J. R.....	1877	White, James T.....	1888
*Stewart, J. M.....	1882	*Whittell, A. P.....	1873
Stewart, Mary J.....	1896	Wickman, Wm. J.....	1883
Stirewalt, Henry W.....	1894	Wightman, Emma.....	1899
*Stivers, C. A.....	1864	*Widney, J. P.....	1867
Stone, Bertram.....	1895	Wilcox, Wilber J.....	1885
Stone, Mack V.....	1896	Wilkes, Farrington.....	1894
Stover, Wm. M.....	1896	Willard, William Patten.....	1899
Stow, Eleanor M.....	1896	Williams, Robert B.....	1887
*Summers, G. M.....	1876	Williamson, John M.....	1885
Summers, John F.....	1878	Williamson, W. T.....	1877
Surryhne, Benj. F.....	1890	Wilson, Kemlo R. McD.....	1886
Sutherland, Robert L.....	1892	Winton, Henry N.....	1885
Sutro, Emma L. (Merritt).....	1881	Woods, W. E. Josephine.....	1885
Swann, Charles M.....	1875	*Wooster, David.....	1885
Swisher, J. R.....	1877	Wright, Henry E.....	1894
Tartar, A. P.....	1882	Young, Junius D.....	1881
Taylor, Edward R.....	1865	Younger, Alex. J.....	1869
Taylor, James Edward, B. S....	1899	Younger, Edward A.....	1879
Taylor, Oscar Fettleton, A. B.	1899	*Zeyn, Gustav C.....	1889
Terry, Wallace I, B. S.....	1882		

Total..... 509

* Deceased.

THE ALUMNI ASSOCIATION

The Alumni Association of the Medical Department of the University of California now includes in its membership most of the graduates of the institution, and the officers for the ensuing year take pleasure in announcing a prosperous outlook for the Association.

The objects of the Society are the promotion of the prosperity of our *Alma Mater*, the maintenance and cultivation of fraternal feeling among the alumni, and the advancement of the interests of medical education and the diffusion of scientific knowledge.

Professors and Teachers in the Medical Department are entitled to honorary membership with an appropriate certificate.

The meetings during 1899-1900 will be held quarterly. At these meetings medical and scientific topics will be brought up for discussion, and all present asked to participate.

Papers and reports of special cases are solicited from members outside of the city or abroad.

All alumni are cordially invited to identify themselves with the Association and assist in the promotion of its welfare.

JAMES F. McCONE, M. D., President.

For further particulars address the Secretary of the Association,

ROSAMOND L. COX, M. D.,
705 Sutter St., San Francisco, Cal.

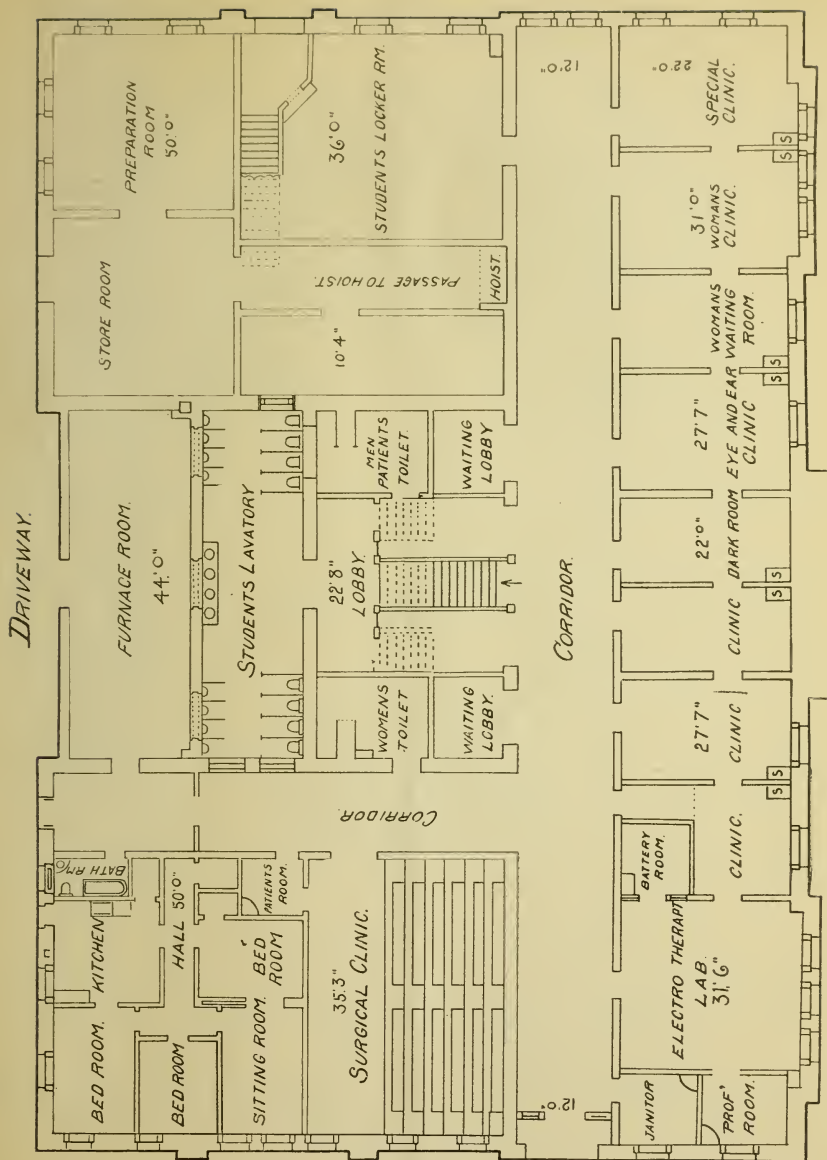


PLATE No. I.
PLAN OF BASEMENT.

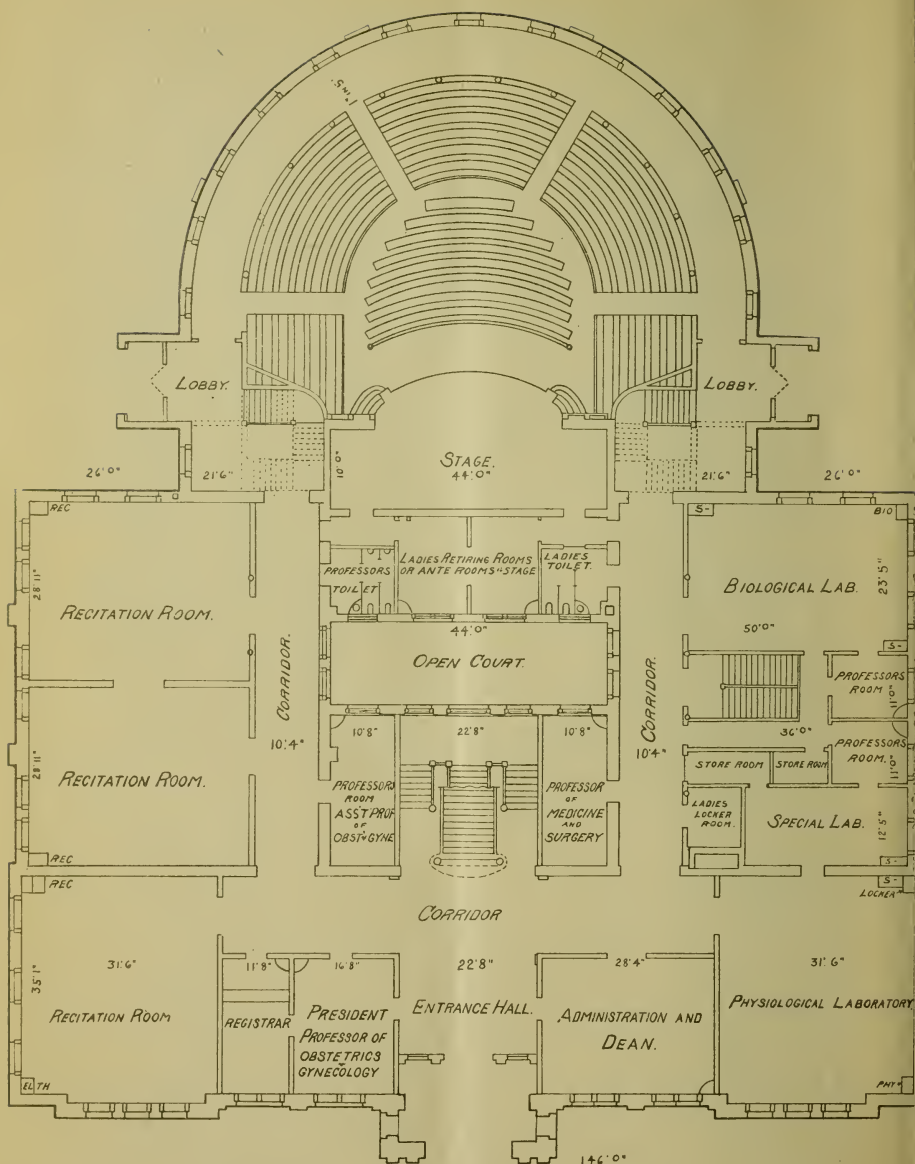


PLATE NO. II.
PLAN OF FIRST FLOOR.

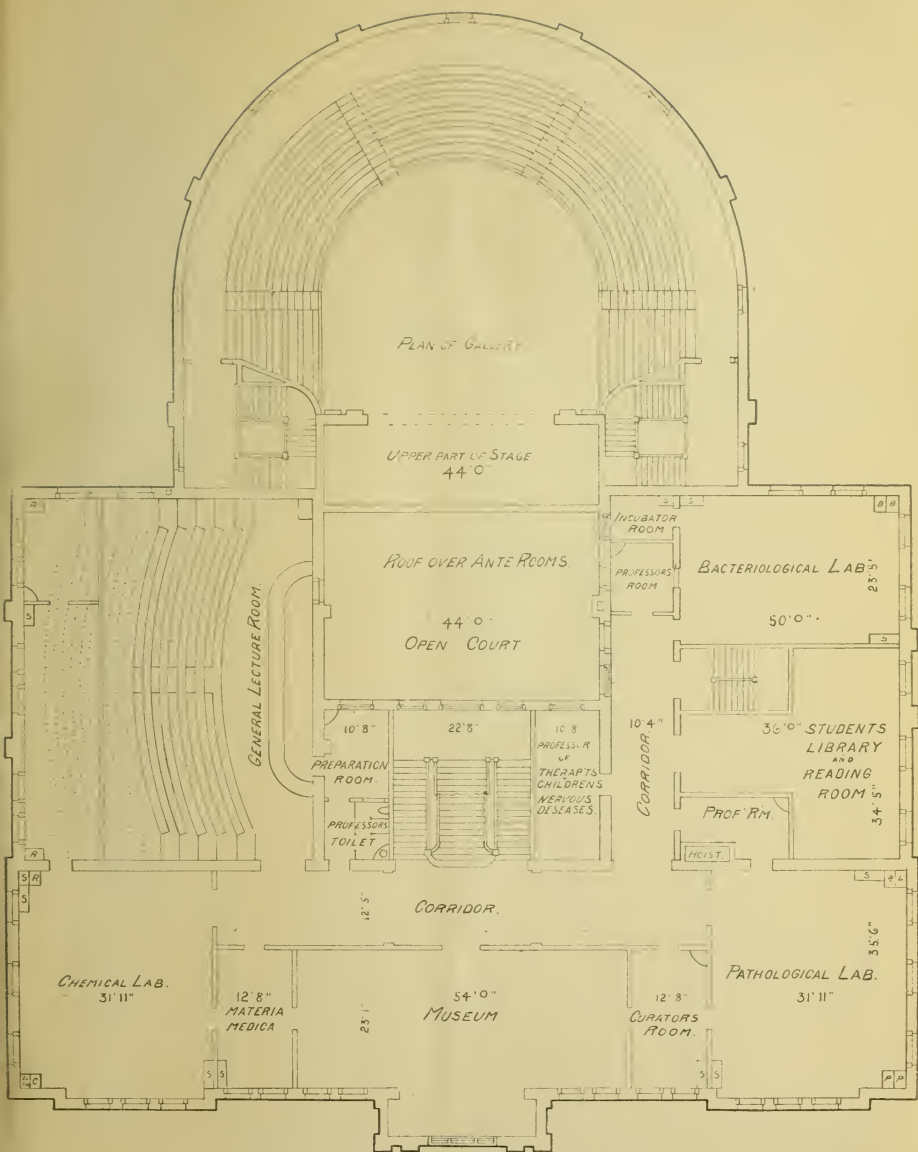


PLATE NO. III.
PLAN OF SECOND FLOOR.

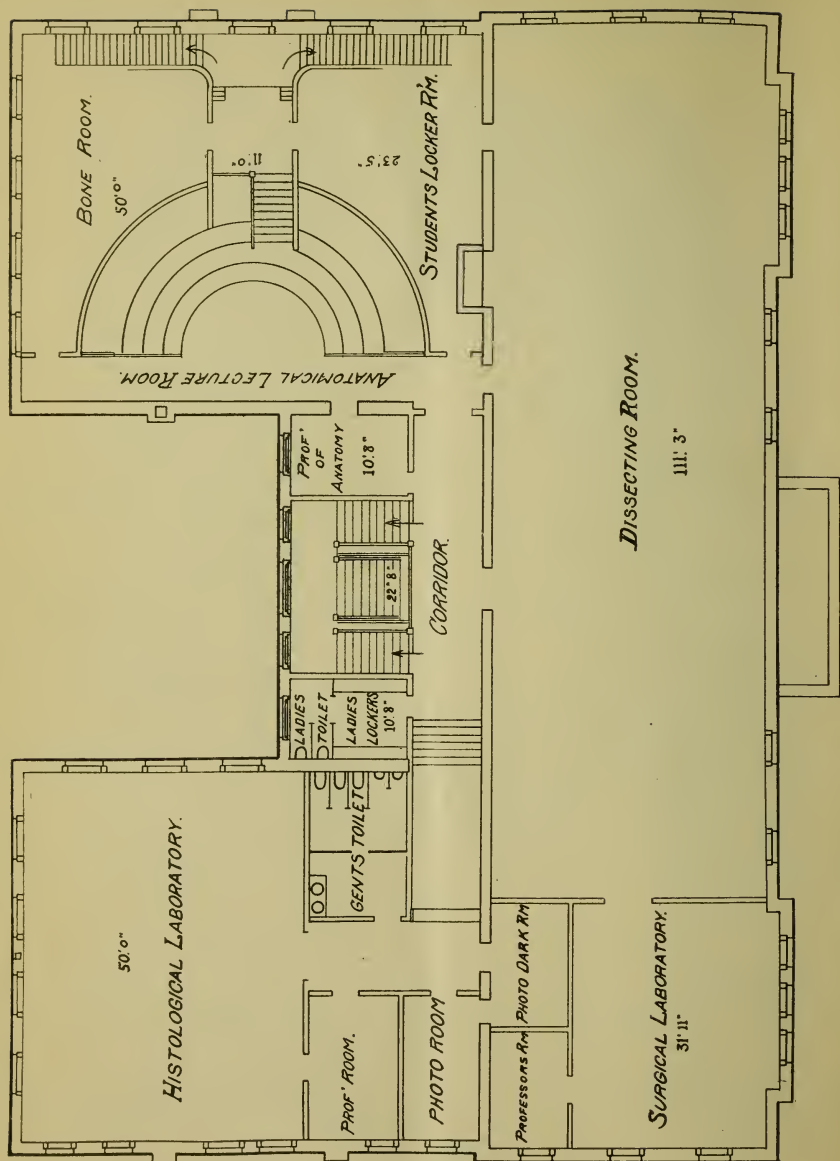


PLATE NO. IV.
PLAN OF THIRD FLOOR.

